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20

21 **UNITED STATES DISTRICT COURT**
22 **CENTRAL DISTRICT OF CALIFORNIA**

23 CONTOUR IP HOLDING, LLC

24 Plaintiff,

25 vs.
26

27 SZ DJI TECHNOLOGY CO., LTD.,
28 DJI EUROPE B.V., DJI TECHNOLOGY,
INC., DJI SERVICE LLC, DJI

Case No. 2:25-CV-2182

**COMPLAINT FOR PATENT
INFRINGEMENT**

DEMAND FOR JURY TRIAL

1 INDUSTRIAL INC., SAIKORON LLC,
2 and IFLIGHT TECHNOLOGY CO. LTD.

3 Defendants.

Complaint Filed:
Trial Date:

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5
6 **COMPLAINT**

7 1. Plaintiff Contour IP Holding, LLC (“Contour” or “Plaintiff”), by its
8 undersigned attorneys, demand a trial by jury on all issues so triable and brings this
9 action against SZ DJI Technology Co., Ltd. (“SZ DJI”), DJI Europe B.V. (“DJI
10 Europe”), DJI Technology, Inc. (“DJI Technology.”), DJI Service LLC (“DJI
11 Service”), DJI Industrial Inc. (“DJI Industrial”), Saikoron LLC (“Saikoron”), and
12 iFlight Technology Co. Ltd. (“iFlight”) (collectively “DJI” or “Defendants”). Contour
13 alleges the following:

14 **PARTIES**

15 2. Contour is a limited liability company organized under the laws of the
16 State of Utah with its principal place of business at 26 Patriot Place, Suite 301,
17 Foxborough, MA 02035.

18 3. Upon information and belief, SZ DJI is a Chinese corporation with its
19 principal place of business located at the 14th Floor, West Wing, Skyworth
20 Semiconductor Design Building, No.18 Gaoxin South 4th Ave, Nanshan District,
21 Shenzhen, China, 518057. Alternatively, DJI’s website lists its headquarters at “DJI
22 Sky City, No. 55 Xianyuan Road, Nanshan District, Shenzhen, China.” Upon
23 information and belief, SZ DJI conducts business, either directly or indirectly through
24 its agents, on an ongoing basis in this Judicial District and elsewhere in the United
25 States. SZ DJI’s business includes, but is not limited to, the research and development
26 of DJI-branded products imported and/or sold in the United States, including DJI’s
27 Camera Drones and/or Handheld Camera products (as defined below).

28 4. Upon information and belief, DJI Europe is a Netherlands corporation with

1 its principal place of business located at Bijdorp-Oost 6, 2992 LA Barendrecht,
2 Netherlands. Upon information and belief, DJI Europe conducts business, either
3 directly or indirectly through its agents, on an ongoing basis in this Judicial District
4 and elsewhere in the United States, including but not limited to, the sale of DJI-
5 branded products. DJI Europe's business includes, but is not limited to, the sale of DJI-
6 branded products within the United States, including DJI's Camera Drones and other
7 drone-related products.

8 5. Upon information and belief, DJI Technology is a corporation organized
9 and existing under the laws of the State of California with its principal place of
10 business located at 201 S. Victory Blvd., Burbank, California 91502. Upon information
11 and belief, DJI Technology conducts business, either directly or indirectly through its
12 agents, on an ongoing basis in this Judicial District and elsewhere in the United States
13 and has a regular and established place of business in this Judicial District, as described
14 below. DJI Technology's business includes, but is not limited to, marketing of DJI-
15 branded products, including DJI's Camera Drones and Handheld Camera products. DJI
16 Technology may be served through its registered agent, 1505 Corporation C T
17 Corporation System, at 330 N. Brand Blvd., Ste. #700, Glendale, California 91203.

18 6. Upon information and belief, DJI Service is a limited liability company
19 organized and existing under the laws of the State of California with its principal place
20 of business located at 17301 Edwards Road, Cerritos, California 90703. Upon
21 information and belief, DJI Service conducts business, either directly or indirectly
22 through its agents, on an ongoing basis in this Judicial District and elsewhere in the
23 United States and has a regular and established place of business in this Judicial
24 District, as described below. Upon information and belief, DJI Service's business
25 includes, but is not limited to, the sale or offer for sale of DJI-branded products,
26 including DJI's Camera Drones and Handheld Camera products. DJI Service may be
27 served through either of its Managers/Members, Jie Shen and Da Lu, at 1703 Edwards
28 Road, Cerritos, California 90703.

1 7. Upon information and belief, DJI Industrial is a stock corporation
2 organized and existing under the laws of the State of Delaware and is also a foreign
3 corporation existing under the laws of the State of California. Upon information and
4 belief, DJI Industrial's principal place of business is located at 17301 Edwards Road,
5 Cerritos, California 90703. Upon information and belief, DJI Industrial conducts
6 business, either directly or indirectly through its agents, on an ongoing basis in this
7 Judicial District and elsewhere in the United States and has a regular and established
8 place of business in this Judicial District, as described below. Upon information and
9 belief, DJI Industrial's business includes, but is not limited to, the sale or offer for sale
10 of DJI-branded products, including DJI's Camera Drones and Handheld Camera
11 products. DJI Industrial may be served through its registered agent, 1505 Corporation
12 C T Corporation System, at 330 N. Brand Blvd., Ste. #700, Glendale, California
13 91203.

14 8. Upon information and belief, Saikoron is a limited liability company
15 organized and existing under the laws of the State of Delaware and is also a foreign
16 limited liability company existing under the laws of the State of California. Upon
17 information and belief, Saikoron's principal place of business is located at 17301
18 Edwards Road, Cerritos, California 90703. Upon information and belief, Saikoron
19 conducts business, either directly or indirectly through its agents, on an ongoing basis
20 in this Judicial District and elsewhere in the United States and has a regular and
21 established place of business in this Judicial District, as described below. Upon
22 information and belief, Saikoron formerly served as the operator of
23 <<https://store.dji.com>> for the United States, through which Saikoron fulfilled DJI's
24 online orders within the United States, but has since been replaced by DJI Service in
25 the operation of <<https://store.dji.com>>. Upon information and belief, the website
26 <<https://store.dji.com>> facilitates the sale or offer for sale of DJI-branded products,
27 including DJI's Camera Drones and Handheld Camera products. Service of process for
28

1 Saikoron may be made on its registered agent, Sequoia Group CPAS, A Professional
2 Corporation, at 33 E. Valley Blvd., Ste. 205, Alhambra, California 91801.

3 9. Upon information and belief, iFlight is a Chinese corporation with its
4 principal place of business located at Units 915-916, 9/F, Building 16W, Science Park
5 West Avenue, Phase Three, Hong Kong Science Park, Pak Shek Kok, New Territories,
6 Hong Kong. Upon information and belief, iFlight is DJI's ultimate parent company and
7 conducts business, either directly or indirectly through its agents, on an ongoing basis
8 in this Judicial District and elsewhere in the United States. Upon information and
9 belief, iFlight's business includes contracting with DJI subsidiaries to sell DJI-branded
10 products to its subsidiaries within the United States. iFlight contracts with DJI's United
11 States entities and other DJI subsidiaries to place DJI-branded products within the
12 stream of commerce, and does so with the knowledge that its DJI-branded products
13 will enter the stream of commerce within the United States.

14 **JURISDICTION AND VENUE**

15 10. This is an action for patent infringement arising under the Patent Laws of
16 the United States, 35 U.S.C. §§ 1, *et seq.*

17 11. This Court has subject matter jurisdiction pursuant to 28 U.S.C. §§ 1331
18 and 1338(a).

19 12. DJI is subject to this Court's specific and general personal jurisdiction due
20 to its substantial business in this forum.

21 13. The Court has personal jurisdiction over Defendants DJI Technology, DJI
22 Service, DJI Industrial, and Saikoron because these Defendants are California entities
23 that are based in California and repeatedly conduct business in California and this
24 District.

25 14. The Court also has personal jurisdiction over Defendants SZ DJI, DJI
26 Europe, and iFlight because these Defendants have minimum contacts with this forum
27 and within this Judicial District. Further, this Court has personal jurisdiction over these
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1 Defendants because these Defendants have at the very least committed the tort of
2 patent infringement within California and this Judicial District.

3 15. This Court has personal jurisdiction over all Defendants based on the
4 relationship between the Defendants' forum contacts and Contour's claims. Defendants
5 have purposely availed themselves of the privilege of conducting activities in this
6 forum by: (1) operating DJI Internet websites, (i) <https://store.dji.com> and (ii)
7 <https://www.dji.com>, which are both available to and accessed by users, customers,
8 and potential customers of DJI within this Judicial District; (2) sold and offered to sell
9 DJI-branded products, including, but not limited to, DJI's Camera Drones and
10 Handheld Camera products; (3) transacted business within the State of California; (4)
11 actively infringed and/or induced infringement in the State of California by placing
12 infringing products into the stream of commerce through an established distribution
13 channel with full awareness that substantial quantities of the products have been
14 shipped into the State of California; (5) established regular and systematic business
15 contacts within the State of California; and (6) continued to conduct such business in
16 California through the sale of DJI's Camera Drone Products, Camera Drone
17 Accessories, Handheld Camera Products, and Handheld Camera Accessories (as
18 defined below). Accordingly, this Court's jurisdiction over the Defendants comports
19 with the constitutional standards of fair play and substantial justice and arises directly
20 from the Defendants' purposeful minimum contacts with the State of California. In
21 addition to Defendants' purposefully availing themselves to this forum, Contour's
22 claims arise out of or relate to Defendants' forum-related activities as described below.

23 16. Upon information and belief, the Court also has personal jurisdiction over
24 Defendants because Defendants and their authorized retailers (*i.e.*, those acting on
25 Defendants' behalf) committed and continue to commit acts of infringement in this
26 Judicial District. As stated above, Defendants conduct business within the State of
27 California and in this Judicial District and have committed acts of infringement within
28 the State of California and this Judicial District. Such business includes, without

1 limitation, Defendants' operation of the Internet website, <https://www.dji.com>, in
2 which users, customers, and potential customers may view advertisements and
3 marketing of infringing products and accessories, and otherwise interact with DJI
4 support resources. Further, Defendants' operation of <https://www.dji.com> facilitates
5 the sale of Defendants' infringing products by directing users, customers, and potential
6 customers to DJI's online store, <https://store.dji.com>, as well as by directing users,
7 customers, and potential customers to DJI's other official online stores, resellers/retail
8 stores, and other various dealers within this jurisdiction, as is detailed at
9 <https://www.dji.com/where-to-buy/>.

10 17. In addition to Defendants' own online store at <https://store.dji.com>,
11 Defendants have placed their infringing products in the stream of commerce in this
12 Judicial District by selling or offering for sale their infringing products through the
13 following channels, knowing that the infringing products will enter, be used, sold
14 and/or offered for sale within the United States:

15 18. First, Defendants have official online stores with Amazon and eBay, each
16 of which users, customers, and potential customers may purchase infringing products
17 within this Judicial District.

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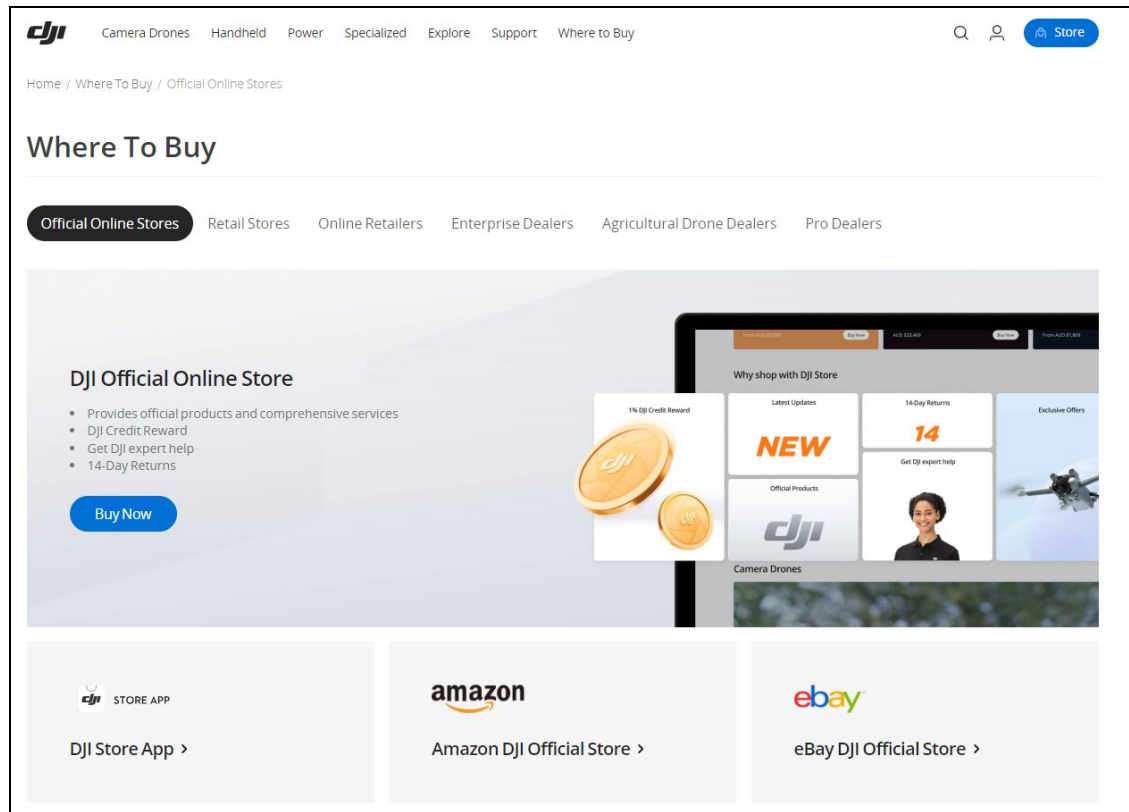
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See e.g., <https://www.dji.com/where-to-buy/online-stores> (DJI advertising Amazon and eBay as “DJI Official Store[s]”).

19. Second, Defendants engage with a numerous and wide array of retail stores which sell and offer to sell DJI-branded infringing products including, but not limited to, DJI Camera Drone Products and Handheld Camera Products within this Judicial District. Such resellers/retail stores include, among others, the Apple Store, Best Buy, Sam’s Club, and Walmart.

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Where To Buy

Official Online Stores **Retail Stores** Online Retailers Enterprise Dealers Agricultural Drone Dealers Pro Dealers

North America United States California Search by zip code

Q Los Angeles

Apple Store Century City
10250 Santa Monica Boulevard; Los Angeles, California, 90067; United States
1-424-204 4290

Apple Store Beverly Center
8500 Beverly Boulevard; Los Angeles, California, 90048; United States
1-424-239 3880

Best Buy
11301 W PICO BLVD, Los Angeles, CA 90064
310-268-9190

Best Buy

14 See e.g., <https://www.dji.com/where-to-buy/retail-stores> (DJI advertises the Apple Store
15 and Best Buy in Los Angeles County, California, as DJI resellers/retailers).

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Where To Buy

Official Online Stores **Retail Stores** Online Retailers Enterprise Dealers Agricultural Drone Dealers Pro Dealers

North America United States California Search by zip code

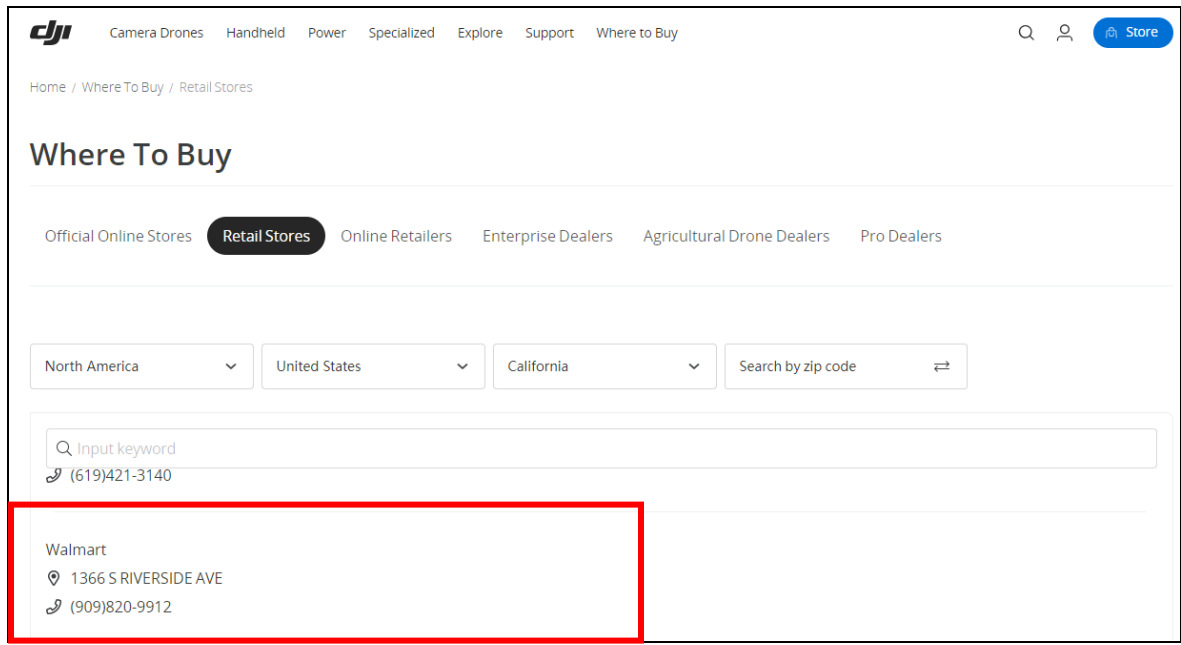
Q Input keyword

1225 CONCORD AVE

Sam's Club
7480 CARSON BLVD

Sam's Club
4901 SANTA ANITA AVE

27 See e.g., <https://www.dji.com/where-to-buy/retail-stores> (DJI advertises Sam's Clubs in
28 Los Angeles County, California, as DJI resellers/retailers).



See e.g., <https://www.dji.com/where-to-buy/retail-stores> (DJI advertises the Walmart in San Bernardino County, California, as a DJI reseller/retailer).

20. Third, Defendants have at least ten online retailers. These retailers and dealers sell and offer to sell DJI-branded infringing products including, but not limited to, DJI Camera Drones and Handheld Camera Products within this Judicial District.

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Where To Buy

Official Online StoresRetail StoresOnline RetailersEnterprise DealersAgricultural Drone DealersPro Dealers

DJI only offers warranty to authorized dealers. Products purchased from unauthorized dealers are not subject to warranty services. Before making your purchase, please search the seller's name here to ensure that they are an authorized DJI dealer.

United States

Adorama www.adorama.com/brands/DJI	B&H Photo Video www.bhphotovideo.com/c/browse/dji/...	Camrise www.camrise.com
Drone Nerds www.dronenerds.com	Micro Center www.microcenter.com	Sam's Club www.samsclub.com
Walmart www.walmart.com	Joeten Development www.joeten.com	Beach Camera www.beachcamera.com
Bestbuy www.bestbuy.com/		

See e.g., <https://www.dji.com/where-to-buy/online-retails> (A list of online retailers DJI classifies as “Online Retailers”).

21. Fourth, Defendants have at least 64 enterprise dealers, with at least five having addresses in the State of California. Upon information and belief, DJI’s enterprise dealers sell and offer to sell DJI-branded products including, but not limited to, DJI Camera Drone Products and Handheld Camera Products within this Judicial District.

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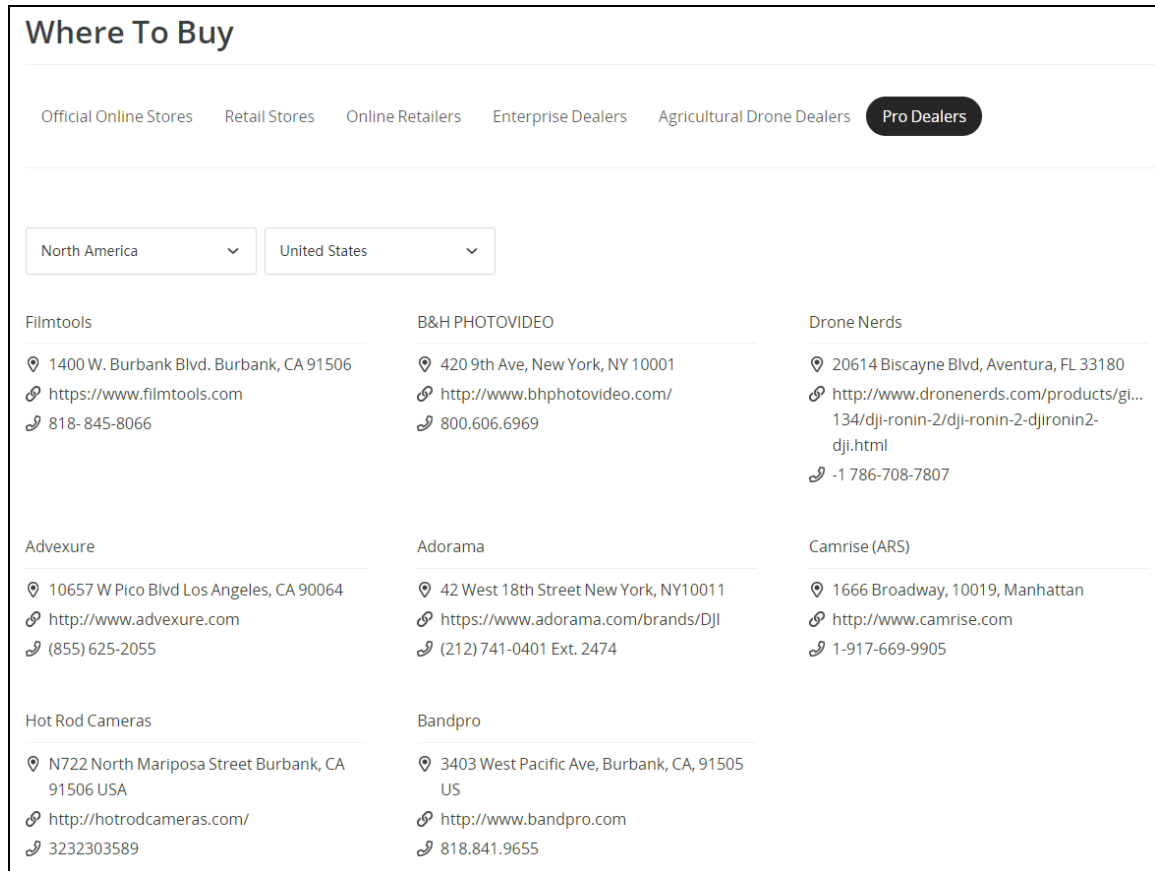
		
DJI Mavic 3 Classic Model: CRMA.00000554.0 ASI SKU: 267799	DJI Mavic 3 Pro Model: CRMA.00000654.01 ASI SKU: 273541	DJI Mini 4 PRO (RC Version) Model: CRMA.00000732.01 ASI SKU: 277897
With powerful flight performance and a Hasselblad camera, Mavic 3 Classic delivers the absolute essence of flagship imaging. Take it on any adventure to create unforgettable work.	Mavic 3 Pro's triple-camera system ushers in a new era of camera drones by housing three sensors and lenses with different focal lengths. Equipped with a Hasselblad camera and dual tele cameras, Mavic 3 Pro is a triple-camera drone that unlocks new shooting perspectives.	DJI Mini 4 Pro is our most advanced mini camera drone to date. It integrates powerful imaging capabilities, omnidirectional obstacle sensing, ActiveTrack 360° with the new Trace Mode, and 20km FHD video transmission, bringing even more things to love.
Learn More	Combo Kit SKUs: 273542/273543/273544 Learn More	Combo Kit SKUs: 277898/277895 Learn More
		
DJI Avata Pro-View Combo RC Motion2 Model: CRFP.00000115.01 ASI SKU: 272420	DJI OM6 Model: CROS.00000213.01 ASI SKU: 267062	DJI Pocket2 Model: CROS.00000146.01 ASI SKU: 248136
When you combine Avata with the goggles and motion controller, flight becomes accessible to all. Experience the thrill of total immersion with unrivaled safety and control. Embrace your spontaneity and capture the world around you.	Osmo Mobile 6 is an intelligent smartphone stabilizer packed with creative features. It's not only compact and easily foldable to fit in your palm, but also launches automatically once unfolded to capture shots at a moment's notice.	Pocket-sized and extremely portable, DJI Pocket 2 is a tiny camera that lets you single-handedly record memorable moments. Equipped to stabilize movement and take sharp photos and smooth videos, Pocket 2 gives you the freedom to create magic at hand.
Learn More	Learn More	Combo Kit SKU: 248135 Learn More

See e.g., <https://www.asipartner.com/partners/dji/dji-consumer-products/> (One of DJI's Los Angeles enterprise dealers, ASI Computer Technologies, Inc, sells and offers for sale DJI's Camera Drone Products and Handheld Camera Products).

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22. Fifth, Defendants have at least eight professional dealers, with at least four having addresses listed in this Judicial District. Upon information and belief, DJI’s professional dealers sell and offer to sell DJI-branded products to users, customers, and potential customers of DJI within this Judicial District.



See e.g., <https://www.dji.com/where-to-buy/professional-dealers> (A list of online retailers DJI classifies as “Pro Dealers”).

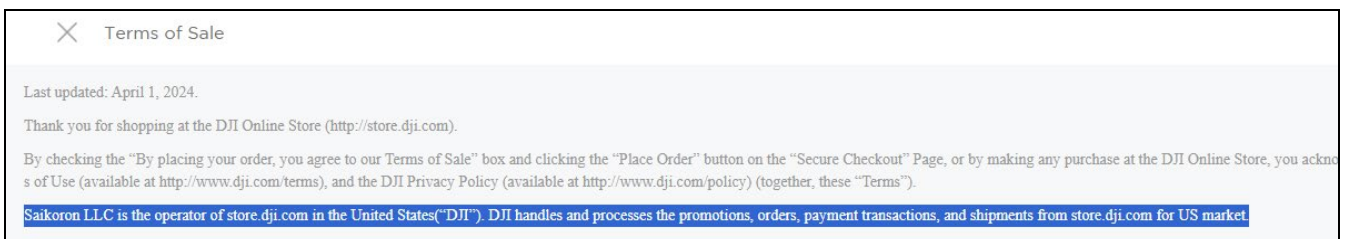
23. DJI manufactures the infringing products knowing that such products will enter, be used in, sold and/or offered for sale within the United States. For example, DJI websites are tailored to specific regions, including the United States. Further, DJI’s product user manuals are provided in numerous languages, including English, and are directed toward the United States. Additionally, the product updates and revisions

described within such manuals expressly describe support for requirements within the United States.

24. Venue is proper in this Judicial District under 28 U.S.C. § 1391(b) and (c) and 28 U.S.C. § 1400(b) based upon information and belief that Defendants: (1) reside in this Judicial District; (2) have regular and established places of business in this Judicial District and are currently infringing and/or inducing acts of infringement within this forum by importing, advertising, marketing, making, using, selling, or offering to sell products, including infringing products, in this Judicial District; or (3) are a foreign entity that does not reside in any judicial district and thus may be sued in any judicial district.

25. As stated in the paragraphs above and incorporated herein, DJI Technology and DJI Industrial are both entities incorporated within the State of California and are therefore, for purposes of venue, considered residents within this Judicial District. 28 U.S.C. § 1400(b).

26. As stated in the paragraphs above and incorporated herein, DJI Service and Saikoron are unincorporated entities with regular and established places of business in this Judicial District and are currently committing acts of infringement here. Upon information and belief, Saikoron operated DJI's online store, and fulfilled orders within the United States generated through DJI's online store. Similarly, DJI Service also is an operator of DJI 's online store and fulfills orders within the United States.



See e.g., DJI's Terms of Sale (listing Saikoron LLC as "the operator of store.dji.com in the United States . . .").

Last updated: January 6, 2025

Thank you for shopping at the DJI Online Store (<http://store.dji.com>).

By checking the “By placing your order, you agree to our Terms of Sale” box and clicking the “Place Order” button on the “Secure Checkout” Page, or by making any purchase at the DJI Online Store, you acknowledge that you have read, understood, and agreed to be bound by the following terms and conditions, DJI Website Terms of Use (available at <http://www.dji.com/terms>), and the DJI Privacy Policy (available at <http://www.dji.com/policy>) (together, these “Terms”).

DJI Service LLC is the operator of store.dji.com in the United States (“DJI”). DJI handles and processes the promotions, orders, payment transactions, and shipments from store.dji.com for US market.

See e.g., DJI’s Terms of Sale (listing DJI Service as operator).

27. On information and belief, both Saikoron and DJI Service fulfilled the same role for DJI, have the same registered agents, and have the same principal address filed with the Secretary of State in California. Accordingly, Saikoron and DJI Service should be treated similarly for purposes of establishing venue because these entities appear to be alter egos of one another. Regardless, venue is proper with respect to both Saikoron and DJI Service because both have regular and established places of business in this District and both have committed acts of infringement here by, at least, selling or offering to sell the products accused of infringement identified herein.

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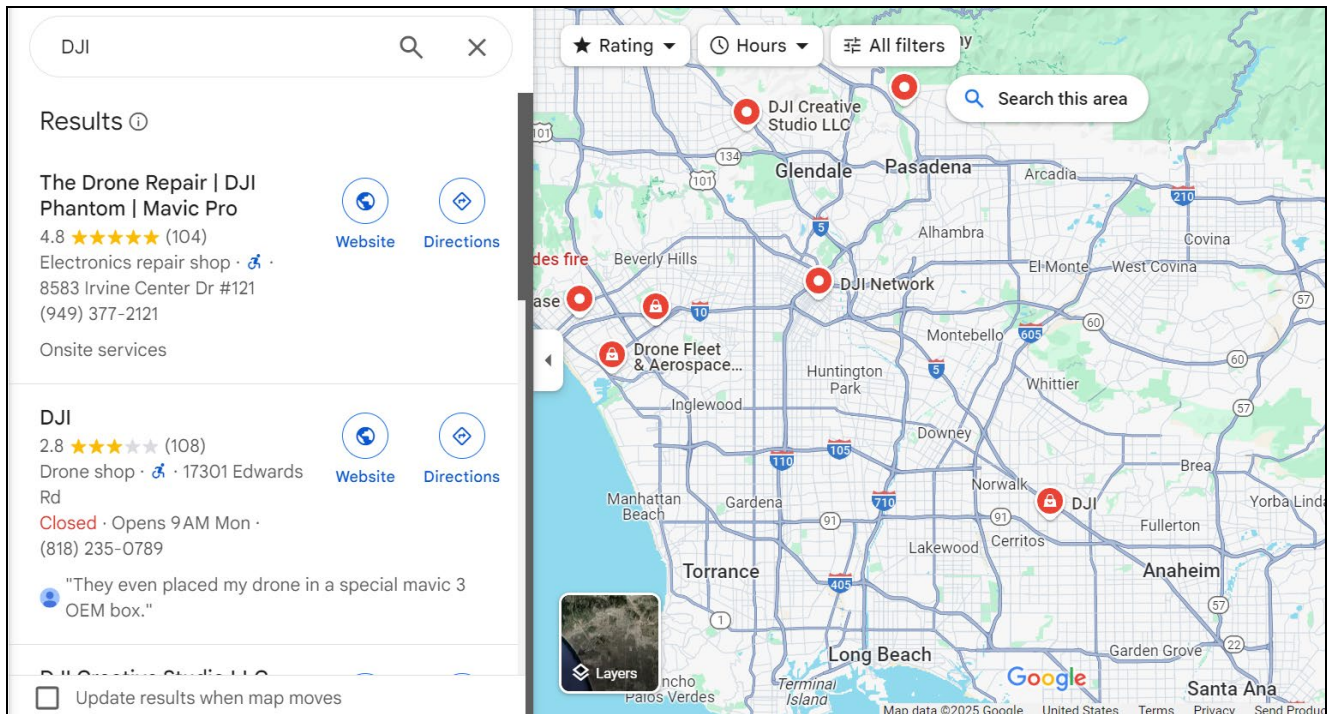
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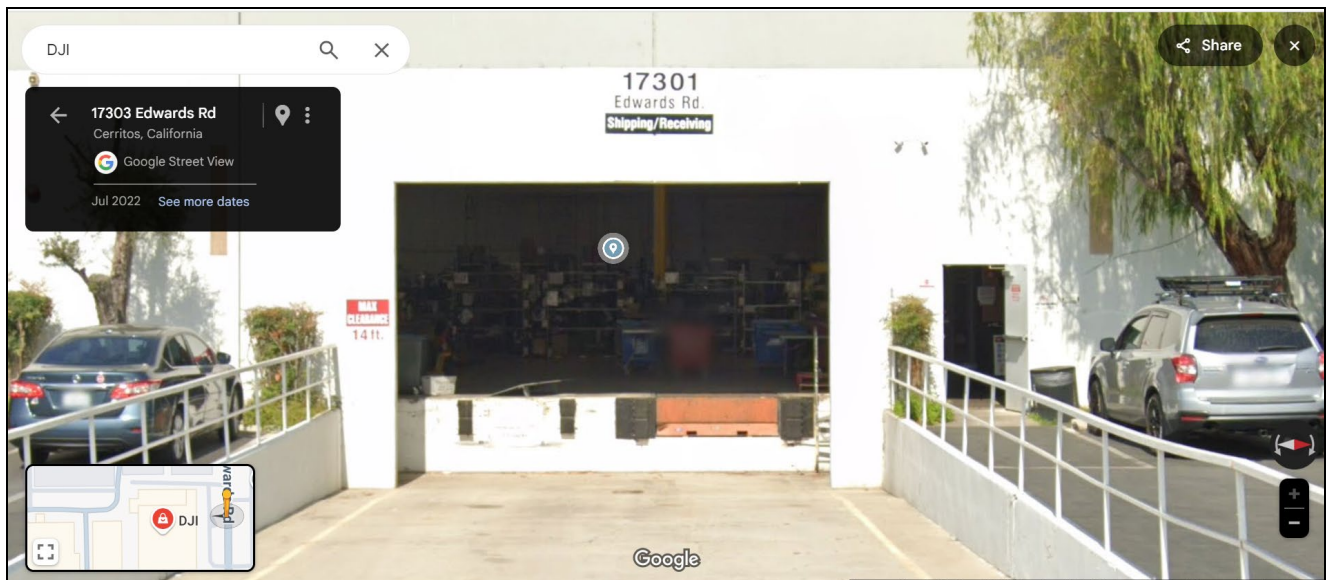
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See e.g., https://www.google.com/maps/search/DJI/@33.9971419,-118.3230893,10.21z?entry=tту&g_ep=EgoyMDI1MDEyMi4wIKXMDSOASAFAQAw%3D%3D (The location of DJI Service and Saikoron in Cerritos, California).



See e.g., https://www.google.com/maps/@33.8744329,-118.0344916,3a,15y,269.67h,89.04t/data=!3m7!1e1!3m5!1suO-oR2jFyBkgKkLdUEs4aA!2e0!6shttps:%2F%2Fstreetviewpixels-pa.googleapis.com%2Fv1%2Fthumbnail%3Fcb_client%3Dmaps_sv.tactile%26w%3D9

1 [00%26h%3D600%26pitch%3D0.9638098776777184%26panoid%3DuO-](https://www.dji.com/service/building-in-cerritos-california)
2 [oR2jFyBkgKkLdUEs4aA%26yaw%3D269.6713753104713!7i16384!8i8192?entry=ttu](https://www.dji.com/service/building-in-cerritos-california)
3 [&g_ep=EgoyMDI1MDEyMi4wIKXMDSOASAFQAw%3D%3D](https://www.dji.com/service/building-in-cerritos-california) (A picture of DJI
4 Service's building in Cerritos, California).

5
6 28. Upon information and belief, to conduct business, DJI employs a number
7 of individuals within this Judicial District. For example, DJI invites individuals to
8 apply for open positions through its website. Among these ads are openings for
9 employment at DJI's locations in Burbank and Cerritos.

10 29. As stated in the paragraphs above and incorporated herein, SZ DJI, DJI
11 Europe, and iFlight each do not reside in any judicial district within the United States
12 and therefore may be sued in any judicial district.

13 **ASSERTED PATENTS**

14 30. Contour is the owner and the assignee of U.S. Patent No. 8,896,694 (the
15 "'694 Patent"), entitled "Portable Digital Video Camera Configured for Remote Image
16 Acquisition Control and Viewing." Contour has ownership of all substantial rights in
17 the '694 Patent, including the right to exclude others and to enforce, sue, and recover
18 damages for past and future infringement. A true and correct copy of the '694 Patent is
19 attached as **Exhibit A**. Claims 1 and 3 are representative examples of the claims
20 asserted in the '694 Patent.

21 31. Claim 1 of the '694 Patent reads as follows:

22 A point of view digital video camera system, comprising:

23 an integrated hands-free portable viewfinderless video camera, the
24 video camera including a lens and an image sensor, the image sensor
25 capturing light propagating through the lens and representing a scene
26 to be recorded, and the image sensor producing real time video image
27 data of the scene without displaying the scene to a user of the video
28 camera, wherein the real time video image data of the scene relates to

1 an activity in which the user of the video camera is about to engage,
2 the video camera comprising:

3 a camera processor for receiving the video image data directly or
4 indirectly from the image sensor, and

5 a wireless connection protocol device operatively connected to the
6 camera processor to send real time video image content by wireless
7 transmission directly to and receive control signals or data signals by
8 wireless transmission directly from a wireless connection-enabled
9 controller, wherein

10 the camera processor is configured to:

11 generate the video image content simultaneously at a first resolution
12 and at a second resolution, the video image content at the first
13 resolution and the second resolution corresponding to the video
14 image data representing the scene to be recorded, wherein the first
15 resolution is lower than the second resolution,

16 stream the real time video image content at the first resolution using
17 the wireless connection protocol device to the wireless connection-
18 enabled controller without displaying the video image content at
19 the video camera,

20 receive the control signals for adjusting image capture settings of the
21 video camera,

22 adjust the image capture settings of the video camera prior to
23 recording the scene, and

24 in response to a record command, cause the video image content at
25 the second resolution to be stored at the video camera;

26 a mounting interface coupled to the video camera;

27 a mount configured to be mounted to the body, a garment, or a vehicle
28 of the user of the video camera, the mount configured to receive the

1 mounting interface for rotatably mounting the camera on the body,
2 the garment, or the vehicle of the user of the video camera, the
3 mounting interface and the mount further configured for manual
4 adjustment of the video camera with respect to the user of the video
5 camera; and

6 the wireless connection-enabled controller for controlling the video
7 camera, the controller comprising executable instructions for
8 execution on a personal portable computing device operable by a user
9 of the personal portable computing device, wherein when executed,
10 the executable instructions cause the personal portable computing
11 device to:

12 receive video image content at the first resolution directly from the
13 video camera,

14 display the video image content at the first resolution on a display of
15 the portable computing device for adjustment of the image capture
16 settings prior to the user of the video camera recording the activity,
17 the video image content at the first resolution comprising a
18 preview image of the scene which is not recorded on the camera or
19 the personal portable computing device, the preview image
20 allowing the user of the video camera to manually adjust an angle
21 of the video camera with respect to the user of the video camera,
22 and

23 generate the control signals to the wireless connection protocol
24 device on the video camera to allow the user of the personal
25 portable computing device to remotely adjust the image capture
26 settings prior to the video camera recording the activity, wherein
27 the control signals comprise at least one of frame alignment, multi-
28 camera synchronization, remote file access, data acquisition, and

1 resolution setting adjustment and at least one of lighting setting
2 adjustment, audio setting adjustment, and color setting adjustment.

3 32. Claim 3 of the '694 Patent reads as follows:

4 A point of view digital video camera system, comprising:

5 a hands-free compact portable video camera, comprising:

6 a lens,

7 an image sensor configured to capture light propagating through the
8 lens and representing a scene, and produce real time video image data
9 of the scene,

10 a camera processor for receiving the video image data directly or
11 indirectly from the image sensor, and

12 a wireless connection protocol device operatively coupled to the
13 processor and configured to send video image content by wireless
14 transmission directly to and receive control signals or data signals by
15 wireless transmission directly from a personal portable computing
16 device executing an application;

17 a mounting interface coupled to the video camera for mounting the
18 video camera to a user of the video camera; and

19 a camera mount configured to be mounted to at least one of the body, a
20 garment, and a vehicle of the user of the video camera, the camera
21 mount configured to couple to the mounting interface to mount the
22 video camera on at least one of the body, the garment, and the vehicle
23 of the user of the video camera, wherein the camera mount is further
24 configured for manual adjustment of the video camera with respect to
25 the user of the video camera,

26 wherein the camera processor is configured to:

27 generate first video image content and second video image content
28 corresponding to the video image data representing the scene,

1 wherein the second video image content is a higher quality than
2 the first video image content,
3 cause the wireless connection protocol device to send the first video
4 image content directly to the personal portable computing device for
5 display on a display of the personal portable computing device,
6 wherein the first video image content comprises a preview image of the
7 scene, the preview image allowing the user of the video camera to
8 manually adjust an angle of the video camera with respect to the user
9 of the video camera, and
10 wherein the personal portable computing device generates the control
11 signals for the video camera based at least in part on input received
12 from a user of the personal portable computing device, wherein the
13 control signals comprise at least one of a frame alignment, multi-
14 camera synchronization, remote file access, data acquisition, and a
15 resolution setting, and at least one of a lighting setting, a color setting,
16 and an audio setting,
17 receive, prior to a recording of the scene, the control signals from the
18 personal portable computing device for adjusting one or more image
19 acquisition settings of the video camera in accordance with input
20 received at the personal portable computing device, and
21 based at least in part on a record command, cause the second video
22 image content to be stored in a storage device at the video camera.

23 33. The '694 Patent is valid, enforceable, and was duly and legally issued on
24 November 25, 2014, in full compliance with Title 35 of the United States Code.

25 34. Contour is the owner and the assignee of U.S. Patent No. 8,890,954 (the
26 "954 Patent"), entitled "Portable Digital Video Camera Configured for Remote Image
27 Acquisition Control and Viewing." Contour has ownership of all substantial rights in
28 the '954 Patent, including the right to exclude others and to enforce, sue and recover

1 damages for past and future infringement. A true and correct copy of the '954 Patent is
2 attached as **Exhibit B**. Claim 11 is a representative example of the claims asserted in
3 the '954 Patent.

4 35. Claim 11 of the '954 Patent reads as follows:

5 A portable, point of view digital video camera, comprising:

6 a lens;

7 an image sensor configured to capture light propagating through the
8 lens and representing a scene, and produce real time video image data
9 of the scene;

10 a wireless connection protocol device configured to send real time
11 image content by wireless transmission directly to and receive control
12 signals or data signals by wireless transmission directly from a
13 personal portable computing device executing an application; and

14 a camera processor configured to:

15 receive the video image data directly or indirectly from the image
16 sensor,

17 generate from the video image data a first image data stream and a
18 second image data stream, wherein the second image data stream is a
19 higher quality than the first image data stream,

20 cause the wireless connection protocol device to send the first image
21 data stream directly to the personal portable computing device for
22 display on a display of the personal portable computing device,
23 wherein the personal portable computing device generates the control
24 signals for the video camera, and wherein the control signals comprise
25 at least one of a frame alignment, multi-camera synchronization,
26 remote file access, and a resolution setting, and at least one of a
27 lighting setting, a color setting, and an audio setting,
28

1 receive the control signals from the personal portable computing
2 device, and
3 adjust one or more settings of the video camera based at least in part on
4 at least a portion of the control signals received from the personal
5 portable computing device.

6 36. The '954 Patent is valid, enforceable, and was duly and legally issued on
7 November 18, 2014, in full compliance with Title 35 of the United States Code.

8 37. Contour is the owner and the assignee of U.S. Patent No. 12,206,983 (the
9 "'983 Patent"), entitled "Portable Digital Video Camera Configured for Remote Image
10 Acquisition Control and Viewing." Contour has ownership of all substantial rights in
11 the '983 Patent, including the right to exclude others and to enforce, sue and recover
12 damages for past and future infringement. A true and correct copy of the '983 Patent is
13 attached as **Exhibit C**. Claim 1 is a representative example of the claims asserted in the
14 '983 Patent.

15 38. Claim 1 of the '983 Patent reads as follows:

16 A first video camera, comprising:

17 a lens;
18 an image sensor configured to generate first image data from light
19 propagating through the lens;
20 at least one non-audio data sensor configured to produce first non-audio
21 sensor data associated with the first video camera;
22 a wireless connection protocol device; and
23 a processor, comprising:
24 a video encoder, and
25 memory,
26 wherein the processor is configured to:
27 receive the first image data from the image sensor,
28 receive the first non-audio sensor data from the at least one non-audio

1 data sensor,
2 generate at least one encoded video data stream using the video
3 encoder, wherein a data type of the first non-audio sensor data is
4 different from a data type of the at least one encoded video data
5 stream,
6 send, using the wireless connection protocol device, the at least one
7 encoded video data stream by wireless transmission to a first remote
8 computing device, wherein the first remote computing device is
9 connected to a first data storage medium, and wherein the first remote
10 computing device is configured to store the at least one encoded video
11 data stream on the first data storage medium as a first file,
12 combine the first non-audio sensor data with the at least one encoded
13 video data stream to form a combined video stream,
14 communicate at least part of the combined video stream to the memory,
15 wherein the at least one encoded video data stream is stored as a first
16 track and the first non-audio sensor data is stored as a second track
17 that is distinct from the first track, and
18 generate time-synchronizing data,
19 wherein the time-synchronizing data is used to synchronize the first
20 track with the second track,
21 wherein the first video camera is configured as a media server that
22 enables access to the combined video stream.

23 39. The '983 Patent is valid, enforceable, and was duly and legally issued on
24 January 21, 2025, in full compliance with Title 35 of the United States Code.

25 40. The '694, '954, and '983 Patents are collectively the "Patents-in-Suit" or
26 the "Asserted Patents."

27 //

28 //

BACKGROUND

41. The claimed inventions of the Asserted Patents were developed in December 2009 by a team at Contour, Inc., who recognized that improvements were needed in the point-of-view (POV) camera business. For example, existing POV cameras generally lacked preview and control ability to ensure users were able to capture the perfect shot the first time. Further, existing products lacked the ability to provide quality video along with other non-video data to help capture the full experience, and to be able to remotely view and control the camera. The technological advancements claimed by the Asserted Patents allowed for features and capabilities existing POV cameras were incapable of.

42. Contour implemented the claimed inventions into its award-winning camera, the ContourGPS. In 2011, the ContourGPS was awarded the prestigious Consumer Electronics Show (CES) Innovations Award (<https://www.bikeradar.com/news/contourgps-helmet-cam-lets-you-use-phone-as-viewfinder>). Similarly, Notebooks.com awarded the ContourGPS and Contour mobile app the coveted Best Mobile Lifestyle Accessory of CES 2011 award (<https://notebooks.com/2011/01/13/best-of-ces-2011-awards-for-notebooks-com/>), CNET awarded the ContourGPS its Editor's Choice Award (<https://www.cnet.com/reviews/contour-gps-hd-wearable-camcorder-camera-1400-review/>), and Red Dot awarded the ContourGPS the 2011 Red Dot Production Design Award (<https://www.red-dot.org/zh/project/contourgps-28132>). When explaining its rationale for giving the ContourGPS and Contour mobile app its award, Notebook.com accurately captured the essence of the invention: "When it comes to capturing your life on the go it's hard to find a solution that's more versatile than the ContourGPS Camera which comes with an app that allows you to use your iPod or iPhone as a viewfinder and to adjust settings on the fly." (<https://notebooks.com/2011/01/13/best-of-ces-2011-awards-for-notebooks-com/>).

43. As proven by the many prestigious accolades, the claimed inventions of the '694, '954, and '983 Patents are marked improvements to existing camera design and technology. For example, some claims recite a specific solution for generating a data stream that can be wirelessly transmitted to a personal device that can allow the user to change settings of the camera and/or adjust the angle of the camera. The Asserted Patents do not merely claim a result or the mere idea of having a video image stream wirelessly sent to a portable device. Instead, they claim a specific architecture for a camera system including, among other things, a "lens," an "image sensor," a "camera processor," a "wireless connection protocol device," and a "personal portable computing device." *See, e.g., '954 Claim 11.* The Asserted Patents also claim technological improvements, such as a camera processor which "generate[s] from the video image data a first . . . and a second image data stream, wherein the second image data stream is higher quality than the first," the wireless connection protocol device which "send[s] the first image data stream directly to the personal portable computing device for display," the personal portable computing device "generates the control signals for the video camera," and the processor "adjust[s] one or more settings of the video camera based . . . [on] the control signals." *See, e.g., '954 Claim 11.* As another example, claim 3 of the '694 Patent teaches a "camera mount" and a "mounting interface" that is integrated into the camera. And in another example, claim 1 of the '983 Patent teaches additional innovations including integrating "non-audio data sensors" into the camera that can capture non-audio data, "combin[ing] the first non-audio sensor data with the at least one encoded video stream to form a combined video stream," "communicat[ing] at least part of the combined video stream to memory," storing the encoded video data stream "as a first track and the first non-audio sensor data as a second track," and "generat[ing] time-synchronizing data, wherein the time-synchronizing data is used to synchronize the first track with the second track." These innovations expand the utility of the camera. Indeed, these inventions allow the camera to capture video footage combined with additional data, such as GPS data, to provide

1 video files with additional and important context. This feature has also received public
2 acclaim. For example, as CNET noted, ContourGPS's GPS functionality allows
3 Contour's Storyteller software to "parse and display [GPS data] on a Google Map with
4 an elevation graph." ([https://www.cnet.com/reviews/contour-gps-hd-wearable-](https://www.cnet.com/reviews/contour-gps-hd-wearable-camcorder-camera-1400-review/)
5 [camcorder-camera-1400-review/](https://www.cnet.com/reviews/contour-gps-hd-wearable-camcorder-camera-1400-review/)). These improvements benefit diverse audiences
6 including athletes (like skiers whose performance relies on elevation), daily vloggers
7 who want to geotag their favorite experiences, and families looking to document where
8 milestones occurred. Furthermore, these improvements also allow dash cams on
9 vehicles to report additional context, such as speed and location of the vehicle,
10 alongside a footage of an accident.

11 44. The claims of the Asserted Patents involve more than well-understood,
12 routine, and conventional activities. For example, generating two video streams of
13 different quality and wirelessly transmitting the lower quality stream from a camera to
14 a remote computer device, along with the other claimed elements, was a novel idea that
15 Contour invented and patented. The conventional approaches, such as after-the-fact
16 generation of a video from a previously recorded video or streaming a higher quality
17 video were limited by bandwidth and battery power limits, especially in the 2009
18 timeframe. Contour's solution allowed devices to quickly transmit lower quality videos
19 wirelessly for previews or live video while also generating a higher quality video with
20 contextual data as well.

21 45. Contour's inventions as claimed in the Asserted Patents are and have been
22 used in innovative wearable and gear-mountable camera products sold under the
23 Contour brand, such as the Contour+, Contour+2, and Contour 4K, and in mobile
24 applications such as the Contour Connect app for iOS, Android, and Windows Phone.

25 **DJI'S ACCUSED PRODUCTS**

26 **Overview of DJI Camera Drone Products**

27 46. Defendants make, use, offer to sell, sell, and/or import camera drones that
28 infringe claims of the Asserted Patents. Defendants' infringing camera drones include

1 drones in DJI's Inspire Series (DJI Inspire 3, DJI Inspire 2), DJI's Mavic Series (DJI
2 Mavic 3 Pro, DJI Mavic 3 Classic, DJI Mavic 3, DJI Mavic 3 Cine, and DJI Mavic 2),
3 and DJI's Mini Series (DJI Mini 4 Pro, DJI Mini 3 Pro, DJI Mini 3, DJI Mini 4K, and
4 DJI Mini 2 SE) (collectively, "Camera Drone Products").

5 47. Defendants also make, use, offer to sell, sell, and/or import camera drone
6 accessories (collectively, "Camera Drone Accessories")¹ such as propellers, propeller
7 guards, camera lenses, camera lens filters, remote controls, remote control sticks,
8 remote control monitor hoods, remote control strap and waist support kits, remote
9 monitors, remote monitor adjustment tools, micro-SD cards, external storage, batteries,
10 battery charging hubs, battery charging cables, GNSS mobile stations, kits, storage
11 covers, drone carrying bags, and other video recording accessories that are functionally
12 related to, and are specifically designed for use with, their Camera Drone Products.

13 ¹ The DJI Drone Products support numerous accessories, the Camera Drone Accessories. For example,
14 the Camera Drone Accessories include, but are not limited to the DJI Inspire 3 Foldable Quick-Release
15 Propellers (Pair); DJI Inspire 3 Foldable Quick-Release Propellers for High Altitude (Pair); DJI Mavic
16 3 Series Low-Noise Propellers; DJI Mini 4 Pro/Mini 3 Pro Propellers; DJI Inspire 3 Propeller Guard;
17 DJI Mavic 3 Pro Propeller Guard; DJI Mini 3 Series 360° Propeller Guard; DJI DL 75 mm F1.8 Lens;
18 DJI DL 18 mm F2.8 ASPH Lens; DL 24mm F2.8 LS ASPH Lens; DL 35mm F2.8 LS ASPH Lens;
19 DJI DL 50mm F2.8 LS ASPH Lens; DJI Mavic 3 Pro Wide-Angle Lens; DJI DL Lens ND Filter Set; DJI
20 Mavic 3 Pro ND Filter Set (ND8/16/32/64); DJI Mini 3 Series ND Filter Set (ND16/64/256); DJI RC
21 Plus (Inspire 3); DJI RC; DJI RC Pro; DJI RC-N1; DJI RC Plus Height-Adjustable Control sticks; DJI
22 RC/RC 2 Control Sticks; DJI RC-N Series Control Sticks; DJI RC Pro Control Sticks; DJI RC Plus
23 Monitor Hood; DJI RC-N Series Remote Controller Monitor Hood; DJI RC Plus Strap and Waist
24 Support Kit; DJI High-Bright Remote Monitor; DJI Focus Pro Hand Unit; DJI Master Wheels 3-Axis;
25 DJI Three-Channel Follow Focus; Lexar Professional 1066x 256GB U3 A2 V30 microSDXC;
26 Kingston Canvas Go! Plus microSD Card 64GB; Kingston Canvas Go! Plus microSD Card 128GB;
27 Samsung 256GB Pro Plus microSD Card; SanDisk Extreme microSD Card 128GB; DJI PROSSD
28 1TB; DJI TB51 Intelligent Battery; WB37 Battery; DJI Mavic 3 Series Intelligent Flight Battery; DJI
Mini 4 Pro Intelligent Flight Battery; DJI Mini 4 Pro/Mini 3 Series Intelligent Flight Battery Plus; DJI
Mini 3 Series Intelligent Flight Battery; DJI TB51 Intelligent Battery Charging Hub; WB37 Battery
Charging Hub (USB-C); DJI Power 1000 + DJI Power to SDC to DJI Inspire 3 Fast Charge Cable; DJI
Power 500 + DJI Power SDC to Inspire 3 Fast Charge Cable; DJI Mavic 3 Series 100W Battery
Charging Hub; DJI Mavic 3 Series Battery Charging Hub; DJI Power 1000 + DJI Power SDC to DJI
Mavic 3 Series Fast Charge Cable; DJI Power 500 + DJI Power SDC to DJI Mavic 3 Series Fast
Charge Cable; DJI Mini 4 Pro/Mini 3 Series Two-Way Charging Hub; DJI TB51 Intelligent Battery
Charging Hub AC Cable; DJI Power SDC to DJI Inspire 3 Fast Cable Charge; DJI 100W USB-C
Power Adapter; DJI 65W Car Charger; DJI 65W Portable Charger; DJI Power SDC to DJI Mavic 3
Series Fast Charge Cable; DJI D-RTK 2 High-Precision GNSS Mobile Station – Tripod; DJI D-RTK 2
High-Precision GNSS Mobile Station; DJI Mavic 3 Series Fly More Kit; DJI Mavic 3 Pro Storage
Cover; DJI Convertible Carrying Bag; DJI Battery Safe Bag (Small Size); DJI Battery Safe Bag
(Large Size); DJI Inspire 3 Gimbal Rubber Dampers; DJI RC-N Series RC Cable (Lighting
Connector); DJI RC-N Series RC Cable (USB-C Connector); DJI RC-N Series RC Cable (Standard
Micro USB Connector).

48. Additionally, Defendants also provide Android and iOS applications for use with their Camera Drones Products. The Android and iOS applications include, but are not limited to, the DJI Go App, DJI Fly App, the DJI Pilot 2 App, the DJI Assistant 2 App, and all other similar applications (collectively, “Camera Drone Applications”).

Analysis of Accused DJI Camera Drone Products

49. The DJI Mini 3 Pro is a non-limiting example of an Accused Camera Drone Product that infringes at least claim 1 of the ’694 Patent, claim 11 of the ’954 Patent, and claim 1 of the ’983 Patent. For example, the DJI Mini 3 Pro includes a portable, point of view digital video camera that is rotatably mounted to the DJI Mini 3 Pro and allows for integrated hands-free and viewfinderless video recording. The DJI Mini 3 Pro and its respective Camera Drone Accessories (the “DJI Mini 3 Pro System”) form a digital video camera system.



See e.g., <https://www.amazon.com/DJI-Flight-Obstacle-Sensing-Compliant/dp/B09WDBDGBZ?th=1>

50. The DJI Mini 3 Pro includes a 82.1° Field of View lens; a 1/1.3-inch CMOS image sensor that captures light propagating through the lens that represents the camera’s field of view to produce real time video image data of the scene to be recorded; and, a processor to, among other things, receive the video image data directly or indirectly from the image sensor, generate multiple image data streams at differing

1 resolutions and/or frame rates, stream the video image data to a peripheral device
2 without displaying the scene at the video camera, receive control signals from the
3 peripheral device, and adjust the settings of the DJI Mini 3 Pro's camera. On
4 information and belief, the DJI Mini 3 Pro's processor is a H6M image SOC processor.
5 The processor includes memory as well as a video encoder used to generate at least one
6 encoded video data stream.

7 51. The DJI Mini 3 Pro also includes at least one non-audio data sensor that
8 produces data associated with the video. For example, on information and belief, the
9 DJI Mini 3 Pro non-audio sensor(s) include, but are not limited to, non-audio sensors
10 for its Global Navigation Satellite System ("GNSS"), Vision Systems, Infrared Sensing
11 System, Initial Measurement Unit ("IMU"), and Compass.

12 GNSS/Vision Systems/Infrared System:

13 **Flight Modes**

14 DJI Mini 3 Pro has three flight modes, plus a fourth flight mode that the aircraft switches to in certain
15 scenarios. Flight modes can be switched via the Flight Mode switch on the remote controller.

16 **Normal Mode:** The aircraft utilizes GNSS and the Forward, Backward, and Downward Vision Systems
17 and Infrared Sensing System to locate itself and stabilize. When the GNSS signal is strong, the
18 aircraft uses GNSS to locate itself and stabilize. When the GNSS is weak but the lighting and other
environmental conditions are sufficient, it uses the vision systems. When the Forward, Backward, and
Downward Vision Systems are enabled and lighting and other environment conditions are sufficient, the
maximum tilt angle is 25° and the maximum flight speed is 10 m/s.

19 **Sport Mode:** In Sport Mode, the aircraft utilizes GNSS and the Downward Vision System for positioning
20 and the aircraft responses are optimized for agility and speed making it more responsive to control stick
movements. Note that obstacle sensing is disabled and the maximum flight speed is 16 m/s.

21 **Cine Mode:** Cine mode is based on Normal mode with a limited flight speed, making the aircraft more
stable during shooting.

22 The aircraft automatically changes to Attitude (ATTI) mode when the Vision Systems are unavailable or
23 disabled and when the GNSS signal is weak or the compass experiences interference. In ATTI mode,
24 the aircraft may be more easily affected by its surroundings. Environmental factors such as wind can
result in horizontal shifting, which may present hazards especially when flying in confined spaces. The
aircraft will not be able to hover or brake automatically, therefore the pilot should land the aircraft as
soon as possible to avoid accidents.

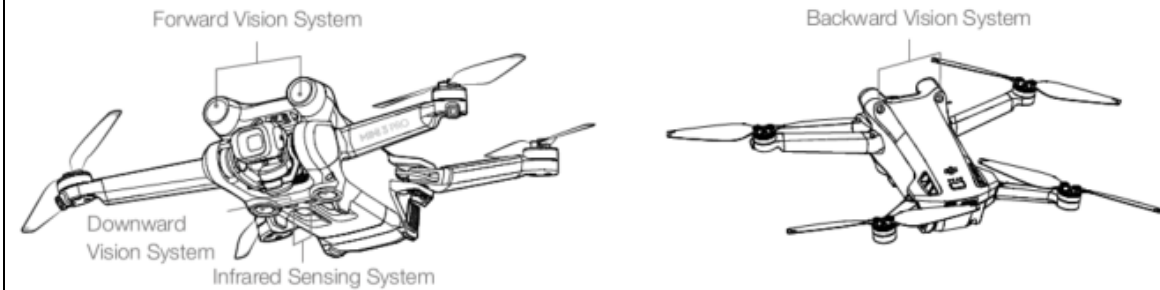
25 See e.g., DJI Mini 3 Pro User Manual v1.6 EN at 13 (available at
26 [https://dl.djicdn.com/downloads/DJI_Mini_3_Pro/UM/20240105/2/DJI_Mini_3_Pro_U](https://dl.djicdn.com/downloads/DJI_Mini_3_Pro/UM/20240105/2/DJI_Mini_3_Pro_User_Manual_v1.6_EN.pdf)
27 [ser_Manual_v1.6_EN.pdf](https://dl.djicdn.com/downloads/DJI_Mini_3_Pro/UM/20240105/2/DJI_Mini_3_Pro_User_Manual_v1.6_EN.pdf)).
28

Vision Systems and Infrared Sensing Systems

DJI Mini 3 Pro is equipped with both an Infrared Sensing System and Forward, Backward, and Downward Vision Systems.

The Forward, Backward, and Downward Vision Systems consist of two cameras each.

The Infrared Sensing System consists of two 3D infrared modules. The Downward Vision System and Infrared Sensing System help the aircraft maintain its current position, hover more precisely, and to fly indoors or in other environments where GNSS is unavailable.



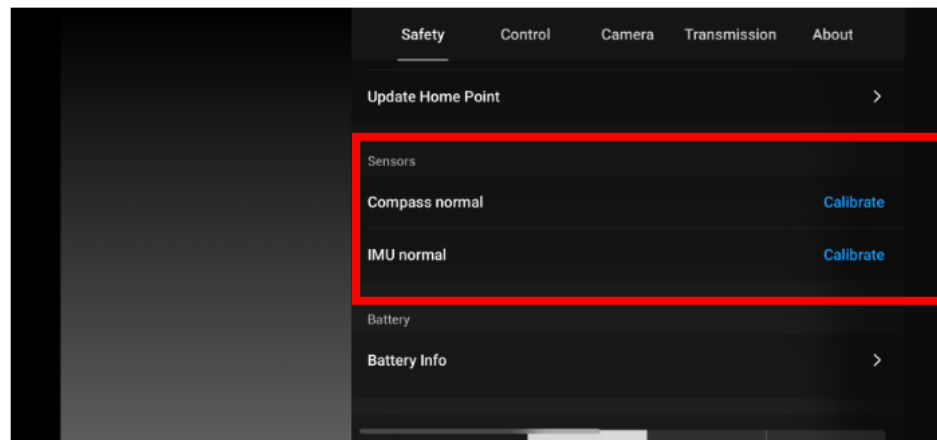
See e.g., DJI Mini 3 Pro User Manual v1.6 EN at 18-19.

IMU/Compass:

Calibrating the IMU

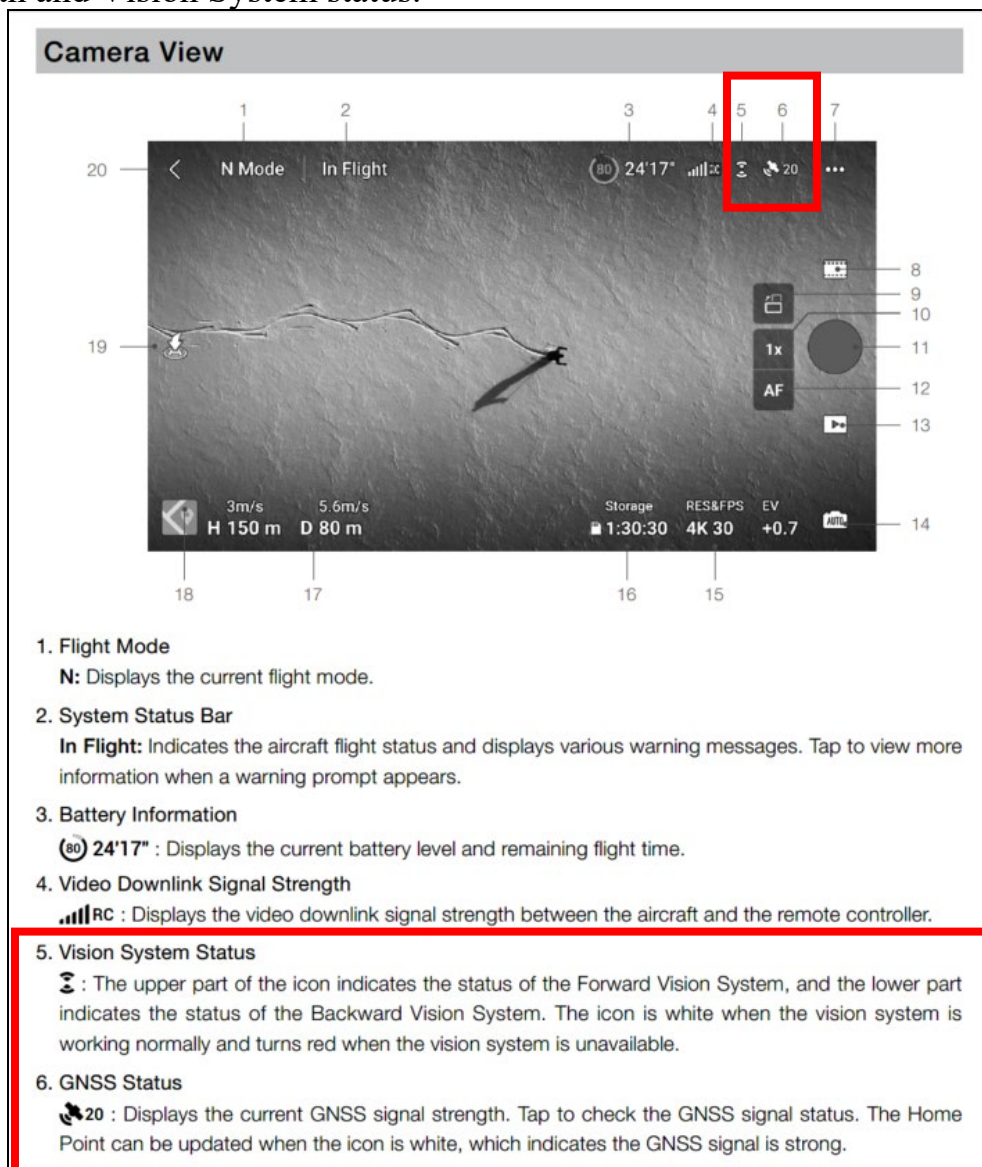
For DJI Air Series, DJI Neo, DJI Mini Series, DJI Mavic 3 Series:

Enter the flight interface in DJI Fly, tap "...>" > "Safety" > "Sensor" > "IMU" > "Calibration", tap "Calibration", and follow the on-screen instructions to properly place the aircraft.



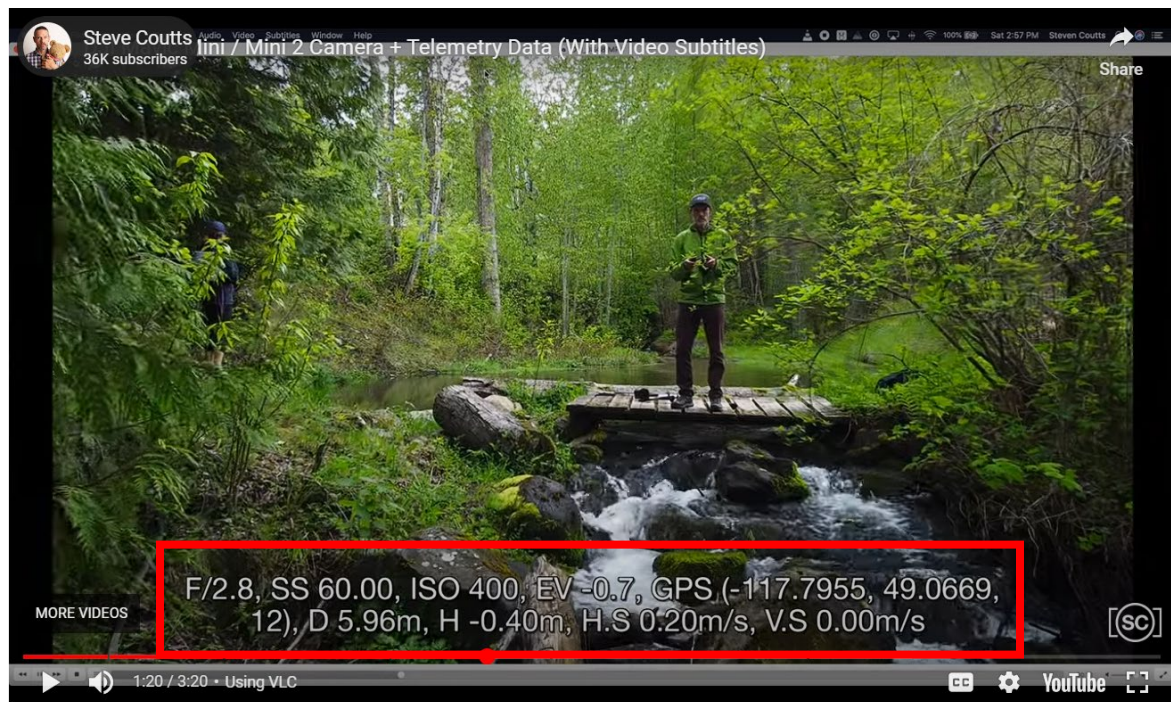
See e.g., <https://support.dji.com/help/content?customId=en-us03400006763&spaceId=34&re=NL&lang=en&documentType=artical&paperDocType=paper>

52. The DJI Mini 3 Pro's processor receives the encoded video data stream from the image sensor as well as the non-audio data from at least one of the non-audio GNSS, Vision System, Infrared System, IMU, and/or Compass sensor(s). The data received by the processor from the non-audio sensors is different than the data from the encoded video data stream. The non-audio data is then associated with the video image data of the DJI Mini 3 Pro's camera and time synchronized to the data of the video data stream. For example, the user may view real time data information pertaining to the GNSS strength and Vision System status.



See e.g., DJI Mini 3 Pro User Manual v1.6 EN at 54.

1 The processor completes a variety of operations with the data from the different
2 sensors. For example, the DJI Mini 3 Pro generates a MP4 file by combining multiple
3 tracks of additional data streams with a track containing the encoded video stream.
4 Upon information and belief, one or more of these data streams contains timecoded
5 information including information related to camera frame rate, exposure, shutter
6 speed, color, lens focal length, and latitude/longitude/altitude, among other
7 information. These additional tracks are different from the track containing the video
8 data, but are time synchronized to the video data track. The combined MP4 stream is
9 stored in the DJI Mini 3 Pro's memory. Time synchronization of the video image data
10 and the non-audio data can also be shown when subtitles are enabled through the DJI
11 Fly App. On information and belief, when subtitles are enabled, the DJI Fly App
12 populates time-synchronized non-audio data on the videos recorded by the user.



25 See e.g., <https://www.youtube.com/watch?v=Lf9ZikB8aJ4> (The above video is
26 representative of the subtitles generated through the DJI Fly App).

27 //

28 //

53. The data generated by the non-audio sensors and received by the DJI Mini 3 Pro's processor enable the DJI Mini 3 Pro to capture and generate video image data that relates to an activity of the user through features like Spotlight, Point of Interest, and ActiveTrack. For example, the DJI Mini 3 Pro's Point of Interest 3.0 feature utilizes navigational coordinates generated by the non-audio sensors to track both static and moving subjects.

Point of Interest 3.0 (POI 3.0)

The aircraft tracks the subject in a circle based on the set radius and flight speed. The mode supports the capturing of both static and moving subjects such as vehicles and people. The maximum flight speed is 13 m/s regardless of whether the aircraft is in Normal, Sport or Cine Mode. The flight speed may be adjusted dynamically according to the actual radius. Move the roll stick to circle the subject, pitch stick to alter the distance from the subject, throttle stick to change the altitude, and yaw stick to adjust the frame. Note that obstacle avoidance is disabled in POI 3.0.

See e.g., DJI Mini 3 Pro User Manual v1.6 EN at 21.

54. As stated above, the DJI Mini 3 Pro's processor completes a variety of operations with the data from the different sensors. For example, the processor combines the encoded video data stream with the GNSS, Vision System, Infrared System, IMU, and Compass sensor data to form a combined MP4 or MOV data stream, which consists of multiple tracks. In that stream, the video data is in a different track than the navigational and other non-audio data. The combined MP4 or MOV files are stored in the DJI Mini 3 Pro's memory and may be accessed by the user.

Video Format

MP4/MOV (H.264/H.265)

See e.g., DJI Mini 3 Pro User Manual v1.6 EN at 68.

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Storing Photos and Videos

DJI Mini 3 Pro supports the use of a microSD card to store your photos and videos. A microSD card with a UHS-I Speed Grade 3 rating or above is required due to the fast read and write speeds necessary for high-resolution video data. Refer to the Specifications for more information about recommended microSD cards.

Photos and videos can also be saved into the internal storage of the aircraft when no microSD card is available. Use of a microSD card is recommended for large data storage.

See e.g., DJI Mini 3 Pro User Manual v1.6 EN at 37.

Flight Recorder

Flight data including flight telemetry, aircraft status information, and other parameters are automatically saved to the internal data recorder of the aircraft. The data can be accessed using DJI Assistant 2 (Consumer Drones Series).

See e.g., DJI Mini 3 Pro User Manual v1.6 EN at 28.

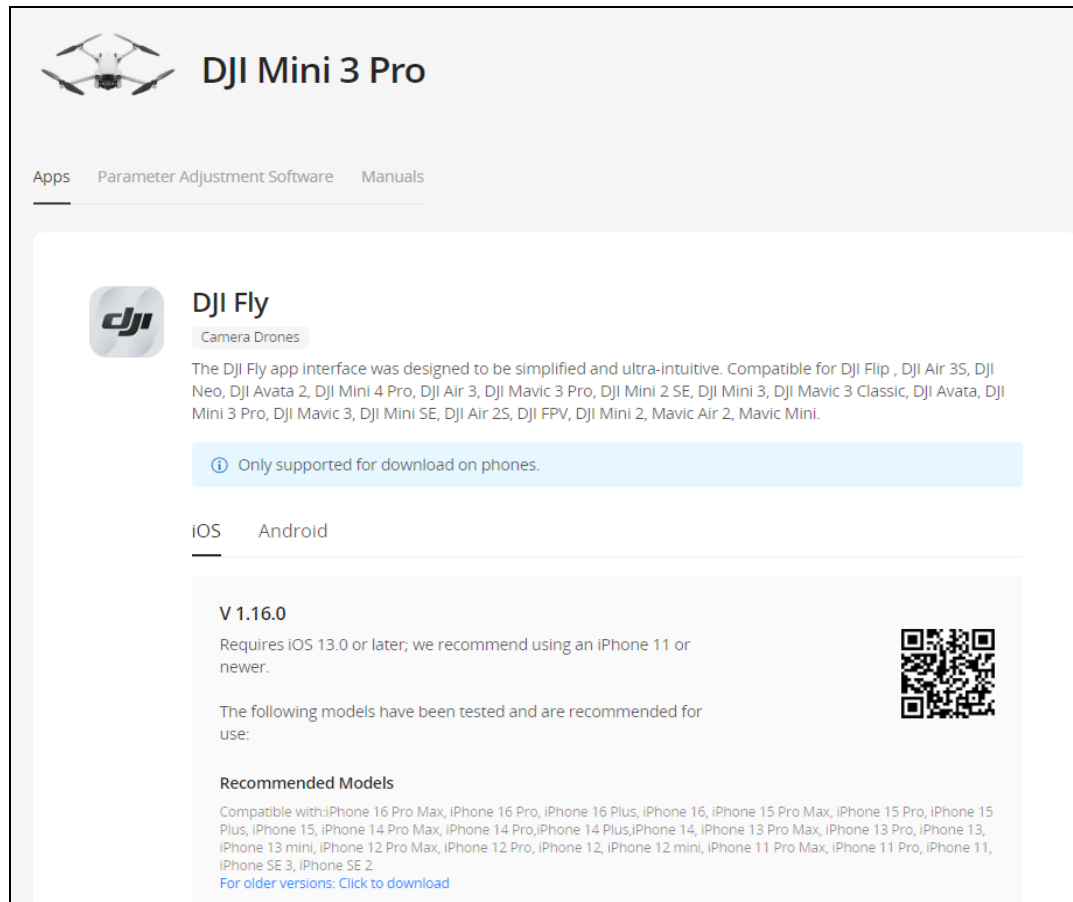
55. The DJI Mini 3 Pro System further includes a wireless connection protocol device that is operatively connected to the camera processor through 802.11 a/b/g/n/ac Wi-Fi protocol. The wireless connection protocol device allows the DJI Mini 3 Pro to function as a media server by enabling the DJI Mini 3 Pro's processor to wirelessly transmit videos and other non-audio data to, and further receive control signals or data signals from, the user's personal portable device executing the DJI Fly App. The DJI Fly App can be installed on Android and Apple phone and tablet products for use with the DJI RC-N1 remote controller and must be installed to use the DJI Mini 3 Pro. Alternatively the DJI Fly App comes installed on the DJI RC Remote Controller. Collectively, and for purposes of the DJI Mini 3 Pro, the DJI RC Remote Controller and the user's mobile device paired with the DJI RC-N1 are referred to as a "Personal Portable Computing Device."

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See e.g., <https://www.dji.com/downloads/products/mini-3-pro#app>

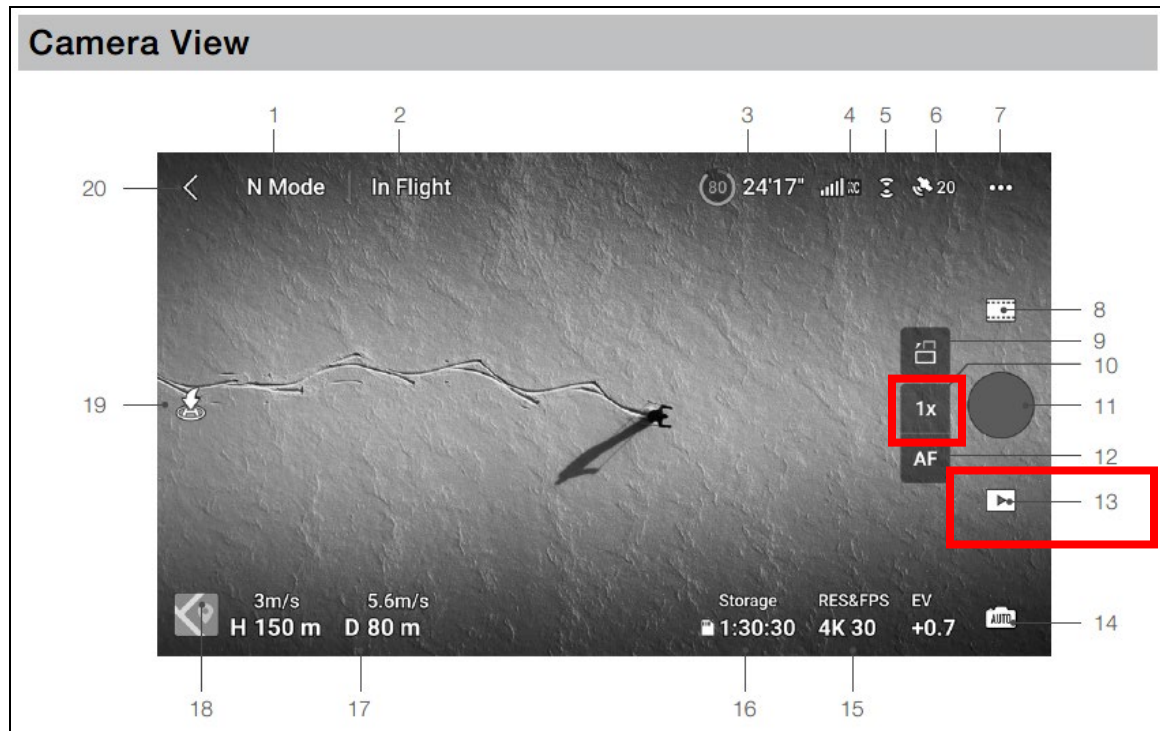
56. The DJI Fly App wirelessly connects with the DJI Mini 3 Pro and allows for a variety of wireless transmissions between the DJI Mini 3 Pro and the user's Personal Portable Computing Device. For example, the user can view the live video directly from the DJI Mini 3 Pro on the user's Personal Portable Computing Device. In this situation, the processor uses the wireless connection protocol device on the DJI Mini 3 Pro to directly transmit live video data from the DJI Mini 3 Pro to the user's Personal Portable Computing Device.

- **Transmission**

A livestreaming platform can be selected to broadcast the camera view in real time. The frequency band and channel mode can also be set in the transmission settings.

See e.g., DJI Mini 3 Pro User Manual v1.6 EN at 56.

57. The DJI Fly App also allows users to wirelessly transmit captured videos and photos directly to the user's Personal Portable Computing Device. Users may also control the camera movements and other camera parameters of the DJI Mini 3 Pro through the DJI Fly App. For example, the user can enter a command on the DJI Fly App (such as zooming in on a target), and the app will wirelessly direct the DJI Mini 3 Pro to follow the user's command.



See e.g., DJI Mini 3 Pro User Manual v1.6 EN at 54.

10. Zoom

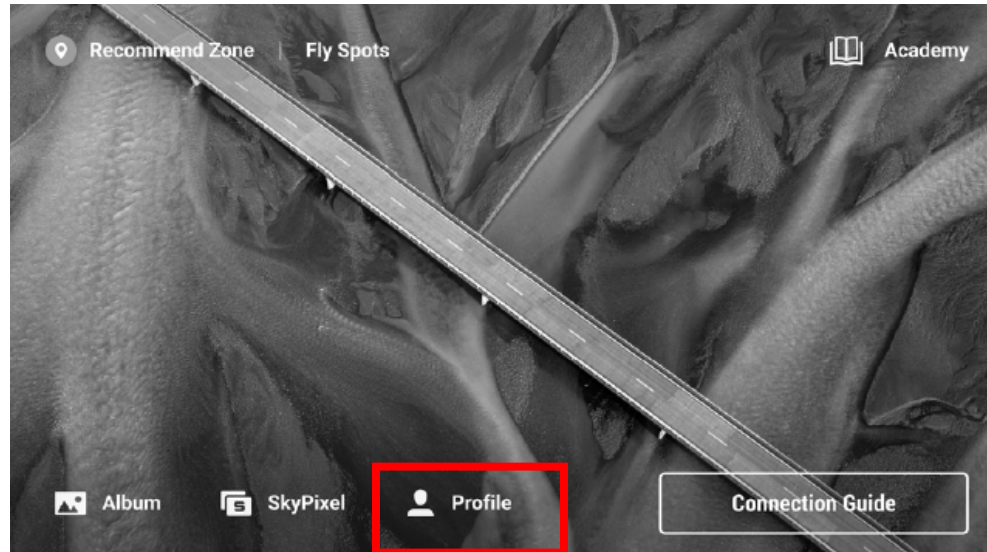
1x : The icon shows the zoom ratio. Tap to adjust the zoom ratio. Tap and hold the icon to expand the zoom bar and slide on the bar to adjust the zoom ratio.

13. Playback

▶ : Tap to enter playback and preview photos and videos as soon as they are captured.

See e.g., DJI Mini 3 Pro User Manual v1.6 EN at 56.

58. The DJI Fly App is also configured to store the encoded video data stream in both the cached memory of the Personal Portable Computing Device and in the local storage (e.g., a microSD card) of the Personal Portable Computing Device.



Profile

View account information, flight records; visit the DJI forum, online store; access the Find My Drone feature, and other settings such as firmware updates, camera view, cached data, account privacy, and language.

See e.g., DJI Mini 3 Pro User Manual v1.6 EN at 69.

59. The DJI Mini 3 Pro's camera has a mounting interface that couples the camera to the DJI Mini 3 Pro's gimbal mount. The gimbal mount enables the video camera to be rotatably mounted to the vehicle of the user (i.e., the DJI Mini 3 Pro).

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See e.g., <https://www.youtube.com/watch?v=OhGdNCWEuBs>



See e.g., <https://www.youtube.com/watch?v=OhGdNCWEuBs>

60. The gimbal mount is configured to receive the mounting interface and provide the DJI Mini 3 Pro's camera with 3-axis rotation. Further, the user may manually adjust the video camera either physically or through the DJI Fly App.

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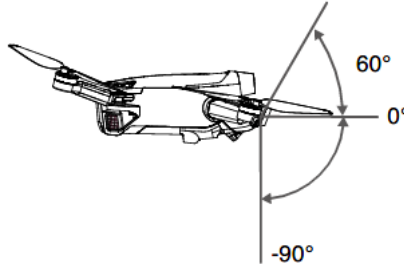
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Gimbal and Camera

Gimbal Profile

The DJI Mini 3 Pro 3-axis gimbal stabilizes the camera, allowing you to capture clear and steady images and videos at high flight speed. The gimbal has a control tilt range of -90° to $+60^{\circ}$, and two control roll angles of -90° (portrait) and 0° (landscape).



Use the gimbal dial on the remote controller to control the tilt of the camera. Alternatively, do so through the camera view in DJI Fly. Press the screen until an adjustment bar appears and drag up and down to control the camera's tilt. Tap the Landscape/Portrait Mode Switch in DJI Fly to switch between the two gimbal roll angles. The roll axis will rotate to -90° when Portrait Mode is enabled, and back to 0° in Landscape Mode.

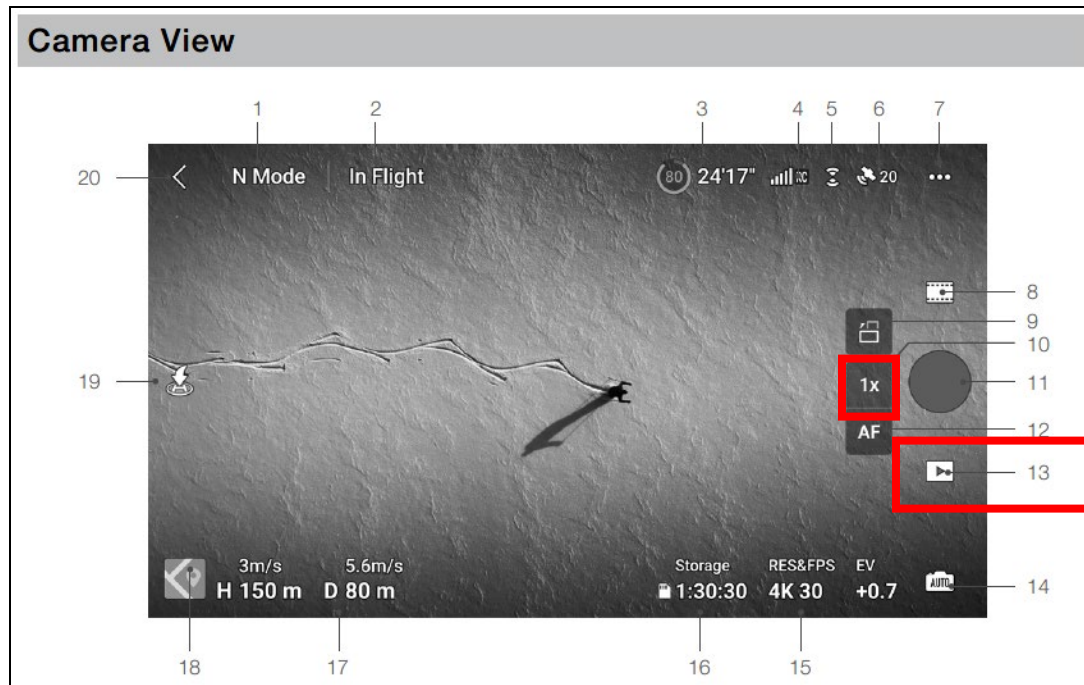
See e.g., DJI Mini 3 Pro User Manual v1.6 EN at 56.

61. The DJI Mini 3 Pro's camera processor is configured to simultaneously generate two video streams based on what the camera is viewing. For example, the first video stream may be a livestream of the real time video captured by the camera, which is then received by and displayed on the Personal Portable Computing Device. Alternatively, the first video stream may be in the form of a playback video or a locally saved video in the Personal Portable Computing Device's cache memory. When recorded, the second video stream is automatically stored at the aircraft. The first and second video streams are substantially the same content, except that, upon information and belief, the first video stream is a lower resolution, quality, and frame rate than the second video stream.

62. When executed on the user's Personal Portable Computing Device, the DJI Mini 3 Pro's livestream is a preview of the DJI Mini 3 Pro's current view and a preview of the higher resolution/quality video that the DJI Mini 3 Pro can record. Through the control signals generated in DJI Fly App's livestream preview, the user

can remotely adjust the control signals that control the DJI Mini 3 Pro based on the user's input(s). These control signals may be adjusted either prior to or during the recording of the scene. These signals include, but are not limited to:

63. Frame Alignment – Among other settings, the user can rotate the 3-axis gimbal to align the frame with a subject. The user can also adjust the zoom of the camera through the DJI Fly App.



10. Zoom

1x : The icon shows the zoom ratio. Tap to adjust the zoom ratio. Tap and hold the icon to expand the zoom bar and slide on the bar to adjust the zoom ratio.

See e.g., DJI Mini 3 Pro User Manual v1.6 EN at 54.

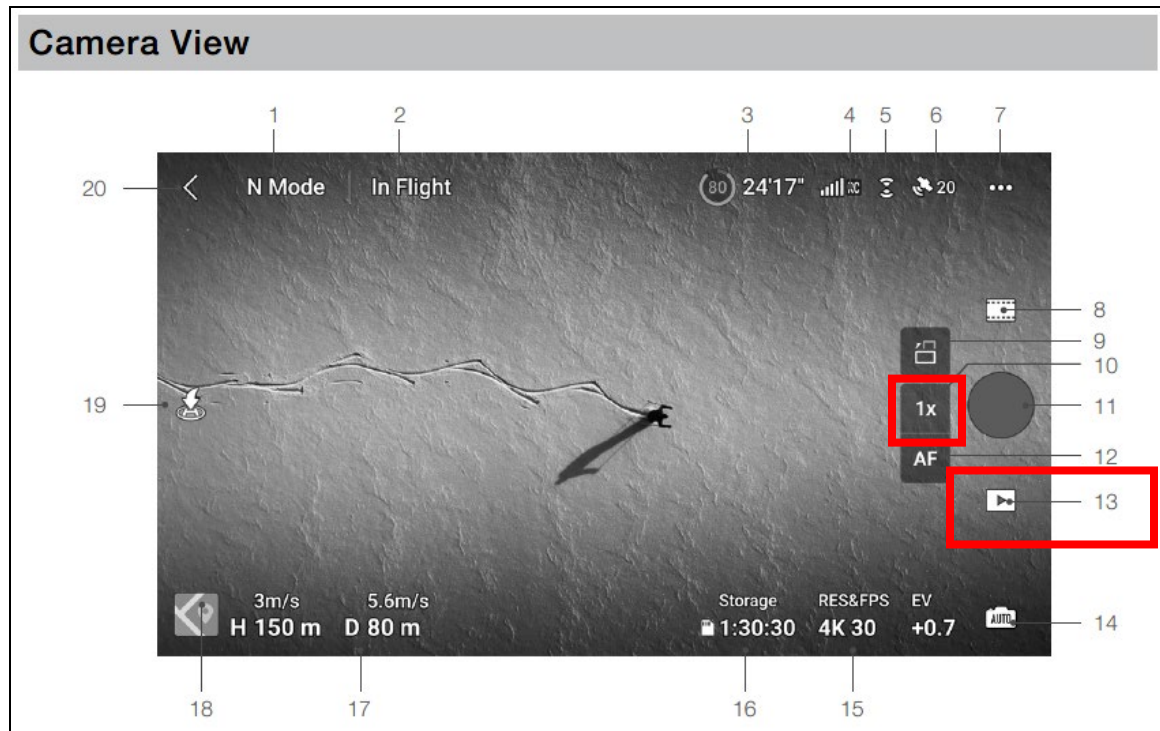
64. Remote File Access - Through the DJI Fly App, the user can access files saved through the playback feature or may utilize QuickTransfer to access remote files.

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13. Playback

: Tap to enter playback and preview photos and videos as soon as they are captured.

See e.g., DJI Mini 3 Pro User Manual v1.6 EN at 54.

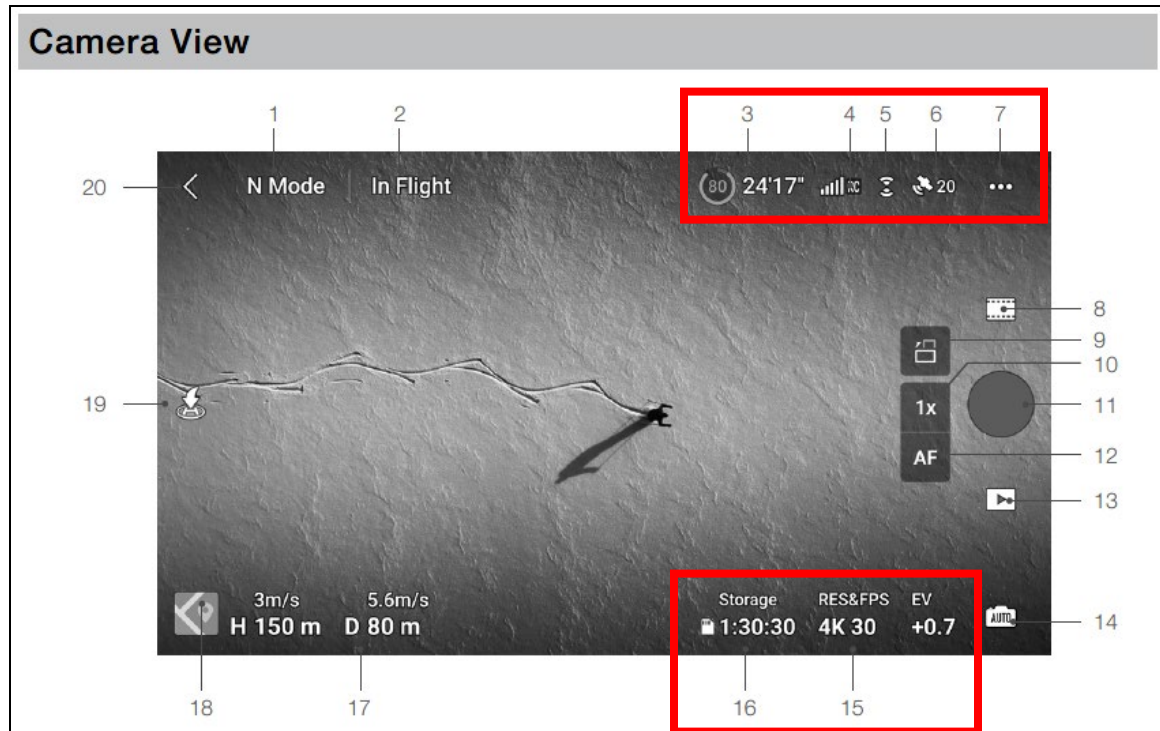
QuickTransfer

DJI Mini 3 Pro can connect directly to mobile devices via Wi-Fi, enabling users to download photos and videos from the aircraft to the mobile device through DJI Fly without using the DJI RC-N1 remote controller. Users can enjoy faster and more convenient downloads with a transmission rate of up to 25 MB/s.

See e.g., DJI Mini 3 Pro User Manual v1.6 EN at 14.


65. Data Acquisition and Resolution - The user can use the preview on the DJI Fly App to acquire key data like DJI Mini 3 Pro's battery level, Video Downlink Signal Strength, Vision System Status, GNSS Status, and available storage in the DJI Mini 3 Pro's microSD card (for example, identified in the subsequent picture as #3, #4, #5, #6, and #16, respectively). The user can also modify the recorded video's resolution (for example, identified in the subsequent picture as #15).

66. Color/Lighting - The DJI Fly App allows the user to send control signals from the user's Personal Portable Computing Device to the DJI Mini 3 Pro. These settings include the ability to manipulate the following settings (for example, identified in the subsequent picture as #7): the color of the displayed and recorded video, and the lighting of the displayed and recorded video (as well as in #15).




See e.g., DJI Mini 3 Pro User Manual v1.6 EN at 54.


3. Battery Information

 : Displays the current battery level and remaining flight time.


4. Video Downlink Signal Strength

 RC : Displays the video downlink signal strength between the aircraft and the remote controller.

5. Vision System Status

 : The upper part of the icon indicates the status of the Forward Vision System, and the lower part indicates the status of the Backward Vision System. The icon is white when the vision system is working normally and turns red when the vision system is unavailable.

6. GNSS Status

 : Displays the current GNSS signal strength. Tap to check the GNSS signal status. The Home Point can be updated when the icon is white, which indicates the GNSS signal is strong.

7. System Settings

System settings provide information about safety, control, the camera, and transmission.

• Safety

Flight Assistance: Forward and Backward vision systems are enabled after setting Obstacle Avoidance to Bypass or Brake. The aircraft cannot sense obstacles if Obstacle Avoidance is disabled. The aircraft cannot fly left or right if Sideways Flight is disabled.

Radar Map Display: When enabled, the real-time obstacle detection radar map will be displayed.


Flight Protection: Tap to set the max altitude and the max distance for flights.

See e.g., DJI Mini 3 Pro User Manual v1.6 EN at 54.

15. Shooting Parameters

RES&FPS EV
4K 30 +0.7 : Displays the current shootings parameters. Tap to access parameter settings.

16. microSD Card Information

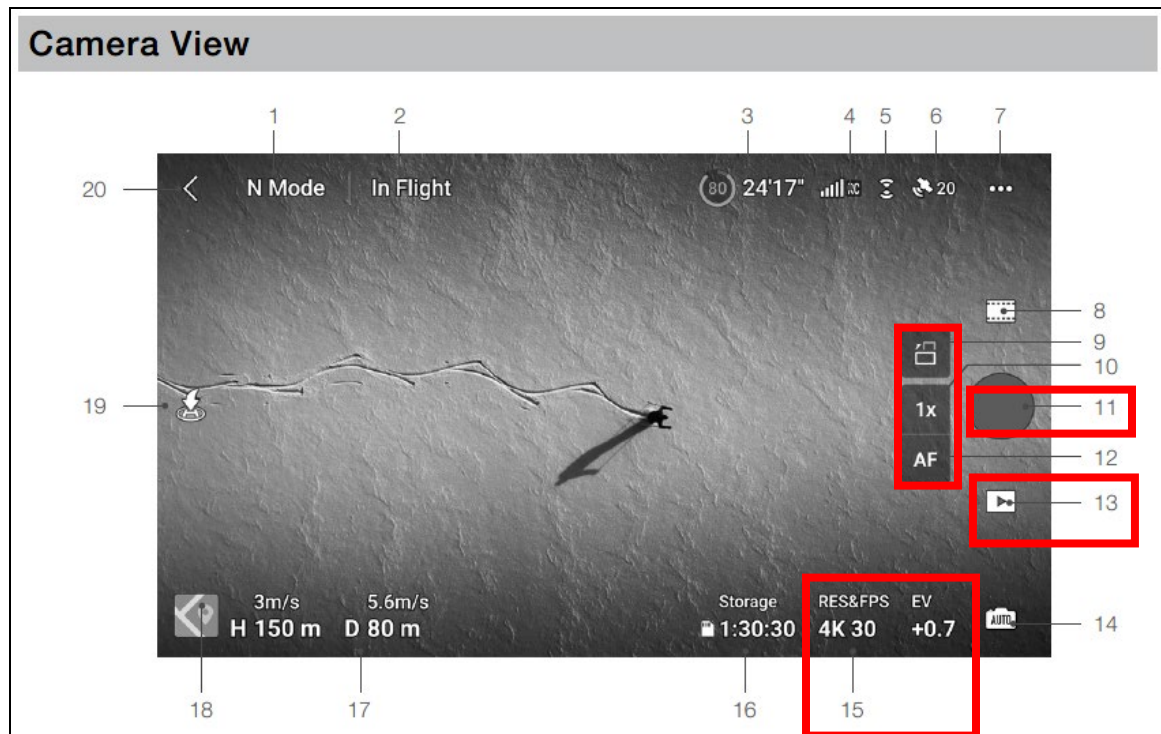
Storage
 **1:30:30** : Displays the remaining number of photos or video recording time on the current microSD card. Tap to view the available capacity of the microSD card.

See e.g., DJI Mini 3 Pro User Manual v1.6 EN at 57.



See e.g., <https://www.youtube.com/watch?v=gNXGb8cZumY>

67. Prior to recording, the user can modify video quality or capture settings in the DJI Fly App livestream on their Personal Portable Computing Device (for example, identified in the subsequent picture as #9, #10, #12, or #15). The DJI Mini 3 Pro will adjust its settings in response to the modifications the user made on the DJI Fly App. The user can also command the DJI Mini 3 Pro to record the higher quality video on the DJI Mini 3 Pro's microSD card or internal storage by clicking the red record button in DJI Fly App's livestream (for example, identified in the subsequent picture as #11). The user can view the higher quality video in an MP4 or MOV format either on the DJI Mini 3 Pro, or on the user's Personal Portable Computing Device via the DJI Fly App (for example, identified in the subsequent picture as #13).




See e.g., DJI Mini 3 Pro User Manual v1.6 EN at 54.

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9. Landscape/Portrait Mode Switch

 : Tap to switch between Landscape and Portrait modes. The camera will rotate 90 degrees when switching to Portrait mode, for shooting portrait videos and photos. Portrait mode is not supported when using Pano or the Asteroid shooting mode in QuickShots.



10. Zoom

 : The icon shows the zoom ratio. Tap to adjust the zoom ratio. Tap and hold the icon to expand the zoom bar and slide on the bar to adjust the zoom ratio.


11. Shutter/Record Button

 : Tap to take a photo or to start or stop recording a video.



12. Focus Button

 /  : Tap the icon to switch the focus mode. Tap and hold the icon to expand the focus bar and slide on the bar to focus the camera.

13. Playback

 : Tap to enter playback and preview photos and videos as soon as they are captured.

15. Shooting Parameters

  : Displays the current shootings parameters. Tap to access parameter settings.

See e.g., DJI Mini 3 Pro User Manual v1.6 EN at 56-57.

Overview of DJI Handheld Camera Products

68. Defendants also make, use, offer to sell, sell, and/or import handheld cameras that infringe claims of the Asserted Patents. Defendants' infringing handheld cameras include cameras in DJI's Osmo Action line (Osmo Action, DJI Action 2, Osmo Action 3, Osmo Action 4, and Osmo Action 5 Pro), and DJI's Osmo Pocket line (DJI Pocket 2, and Osmo Pocket 3) (collectively, "Handheld Camera Products").

69. Defendants also make, use, offer to sell, sell, and/or import handheld camera accessories (collectively, "Handheld Camera Accessories")² such as mounts, mounting components, grips, tripods, microSD cards, and video recording accessories

² The DJI Handheld Cameras support numerous accessories, the Handheld Camera Accessories. For example, the Handheld Camera Accessories include, but are not limited to the its camera mounting implementations (Osmo Action Bite Mount; Osmo Backpack Strap Mount; Osmo Action Hanging Neck Mount; Osmo Action Bike Seat Rail Mount; Osmo Action Handlebar Mount; Osmo Action Chest Strap Mount; Osmo Action Surfing Tether; Osmo Action Biking Accessory Kit; Osmo Action Suction Cup Mount; Osmo Action Helmet Chin Mount; Mini Handlebar Mount; 360° Wrist Strap; Flat Adhesive Base; Osmo Action Chin Mount Clip; Osmo Flexible Mount; Osmo Mini Tripod; DJI Pocket 2 Micro Tripod; DJI Action 2 Remote Control Extension Rod; Osmo Action Mini Extension Rod; and Osmo Pocket 3 Expansion Adaptor).

1 that are functionally related to, and are specifically designed for use with, their
2 Handheld Camera Products.

3 70. Additionally, Defendants also provide Android and iOS applications for
4 use with their Handheld Camera Products. The Android and iOS applications include,
5 but are not limited to, the DJI Mimo App and all other similar applications
6 (collectively, “Handheld Camera Applications”).

7 71. Further, upon information and belief, Defendants operate user agents,
8 proxy servers, registrar servers, redirect servers, session border controllers, gateways,
9 and/or other servers or computers that support and interact with DJI’s Android, iOS,
10 and controller apps, Camera Drone Products, and Handheld Camera Products (the
11 “Backend System”). DJI’s Camera Drone Products, Handheld Camera Products,
12 Camera Drone Applications, Handheld Camera Applications, and Backend System are
13 collectively referred to as the “Accused Products” or “Accused System.”

14 **Analysis of Accused DJI Handheld Camera Products**

15 72. The DJI Osmo Action 4 is a non-limiting example of an Accused Product
16 that infringes at least claim 3 of the ’694 Patent, claim 11 of the ’954 Patent, and claim
17 1 of the ’983 Patent. For example, the DJI Osmo Action 4 is a hands-free compact
18 portable digital video camera that allows users to shoot videos from multiple points of
19 view. The Osmo Action 4 and its DJI accessories (the “DJI Osmo Pocket 4 System”)
20 form a digital video camera system.

21 73. The Osmo Action 4 has a 155° Field of View lens, a 1/1/3-inch image
22 sensor, and a camera processor. For example, the Osmo Action 4’s image sensor
23 produces real time video image data of the scene the camera is pointed at. The Osmo
24 Action 4’s processor comprises memory as well as a video encoder used to generate at
25 least one encoded video data stream.

26 74. The Osmo Action 4 also has at least one non-audio data sensor that
27 produces data associated with the video. For example, the Osmo Action 4 has a color
28 temperature sensor and a stabilization sensor.

Color Temperature Calibration

An advanced color temperature sensor ensures true-to-life tones outdoors, indoors, and underwater for colors that pop straight out of the camera.

See e.g., <https://www.dji.com/osmo-action-4>

Situational Stabilization



360° HorizonSteady

RockSteady 3.0

360° HorizonSteady goes well past simple action camera stabilization, correcting horizontal tilts at any angle no matter how many flips, twists, or turns go down.

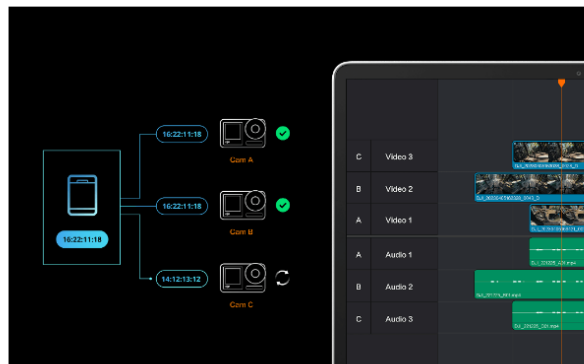
Planning something slightly less extreme? Try HorizonBalancing for horizontal tilt correction up to $\pm 45^\circ$.

See e.g., <https://www.dji.com/osmo-action-4>

75. The Osmo Action 4's processor receives the encoded video data stream directly or indirectly from the image sensor as well as data from the color temperature sensor and stabilization sensor. The data from the color temperature sensor and stabilization sensor differ from that of the encoded video data stream. The processor completes a variety of operations with the data from the different sensors. For example, the MP4 files generated by the Osmo Action 4 combines multiple tracks with additional data streams in addition to a track with the encoded video stream, and, upon

1 information and belief, one or more of these data streams contains timecoded
2 information from the color temperature and/or stabilization sensors, among others.
3 These additional tracks are different from the track containing the encoded video data.
4 The combined MP4 stream is stored in the Osmo Action 4's memory and may be
5 accessed by the user.

6 76. The Osmo Action 4's processor is also configured to generate time
7 synchronizing data. For example, using the Osmo Action 4's built-in timecode
8 function, a user can synchronize footage from multiple cameras. This timecode
9 function also helps the processor synchronize the various data tracks in the MP4 file.



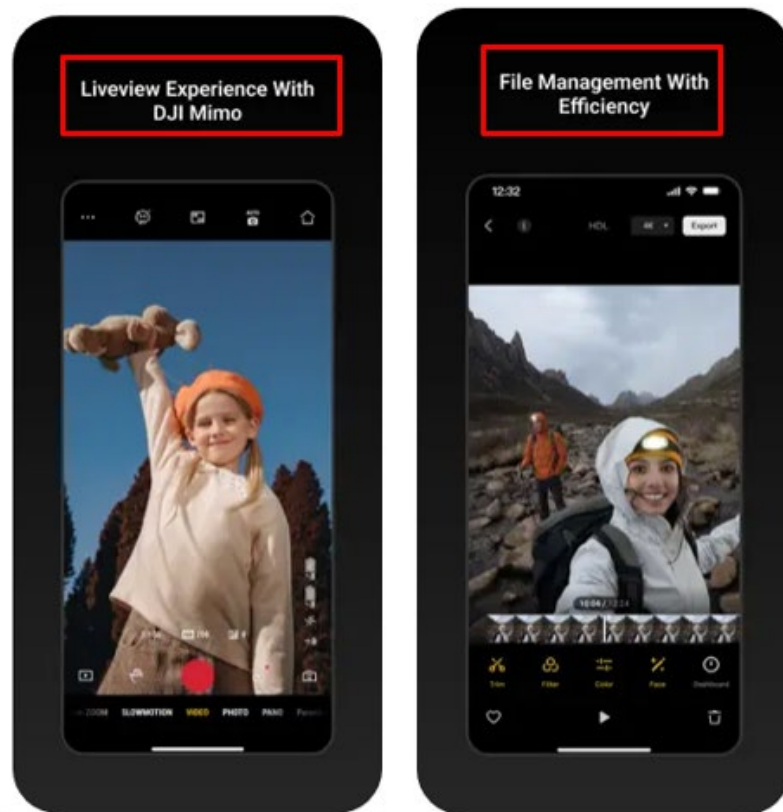
Timecode Sync

Thanks to Action 4's built-in timecode function, you can synchronize footage from multiple cameras for more efficiency during editing.

18 See e.g., <https://www.dji.com/osmo-action-4#47515>

20 77. The Osmo Action 4 has a wireless connection protocol device using the
21 802.11 a/b/g/n/ac Wi-Fi protocol that is coupled to the processor and allows the Osmo
22 Action 4 to function as a media server that wirelessly transmit videos to (and receive
23 wireless control signals or data signals from) a personal computing device executing
24 the DJI Mimo App. The DJI Mimo App can be installed on Android and Apple phone
25 and tablet products (collectively, a "Personal Device"), and must be installed on the
26 Personal Device to activate and use the Osmo Action 4. The DJI Mimo App wirelessly
27 connects with the Osmo Action 4 and allows for a variety of wireless transmissions
28 between the Osmo Action 4 and the user's Personal Device. For example, the user can

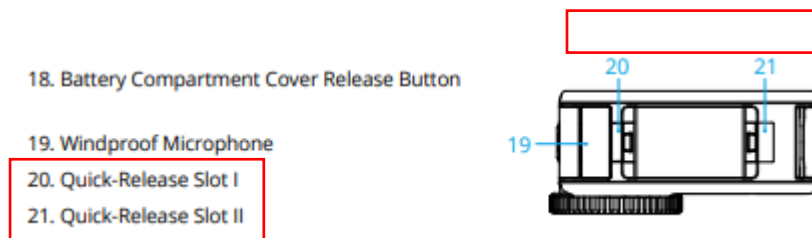
1 view live video directly from the Osmo Action 4 on their Personal Device. In this
2 situation, the wireless protocol on the Osmo Action 4 directly transmits live video data
3 from the Osmo Action 4 to the user's Personal Device. The DJI Mimo App also allows
4 the Osmo Action 4 to transmit captured videos and photos directly to the user's
5 Personal Device. The DJI Mimo App allows the user to control the camera movements
6 and camera parameters while they use the Osmo Action 4. For example, the user can
7 enter a command on the Mimo App (such as to zoom in on a target), and the app will
8 wirelessly direct the Osmo Action 4 to follow that command. The DJI Mimo App is
9 also configured to store the encoded video data stream in the cached memory and
10 locally in the Personal Device's storage.



25 See e.g., <https://apps.apple.com/us/app/dji-mimo/id1431720653>

26 78. The DJI Osmo Action 4 System includes a variety of DJI mounts. The Osmo
27 Action 4 has multiple Quick-Release Slots coupled to the Osmo Action 4 that serve as
28 a mounting interface, which is coupled to one of the DJI mounts, and enables it to be

1 mounted on the user of the Osmo Action 4. For example, a user can attach the Osmo
2 Action 4 to their person using any one of the following DJI mounts: the Osmo Action
3 360° Wrist Strap, the Osmo Action Hanging Neck Mount, the Osmo Action Chest
4 Strap Mount, or the Osmo Action Bite Mount. Additionally, the Osmo Action 4 can be
5 mounted on the user's vehicle. For example, the user can attach the Osmo Action 4 to
6 the user's vehicle using the Osmo Action Handlebar Mount or the Osmo Action
7 Suction Cup Mount. The Osmo Action 4 can also attach to the user's garment, for
8 example, via the Osmo Action Helmet Chin Mount. The DJI mounts are configured for
9 manual adjustment of the video camera. For example, using the screws on the mounts,
10 the user can manipulate the direction and angle the camera is facing.



16 See e.g., DJI Osmo Action 4 User Manual v1.0 EN at 5 (available at
17 https://dl.djicdn.com/downloads/DJI_Osmo_Action_4/UM/20230802/DJI_Osmo_Action_4_User_Manual_v1.0_en.pdf).
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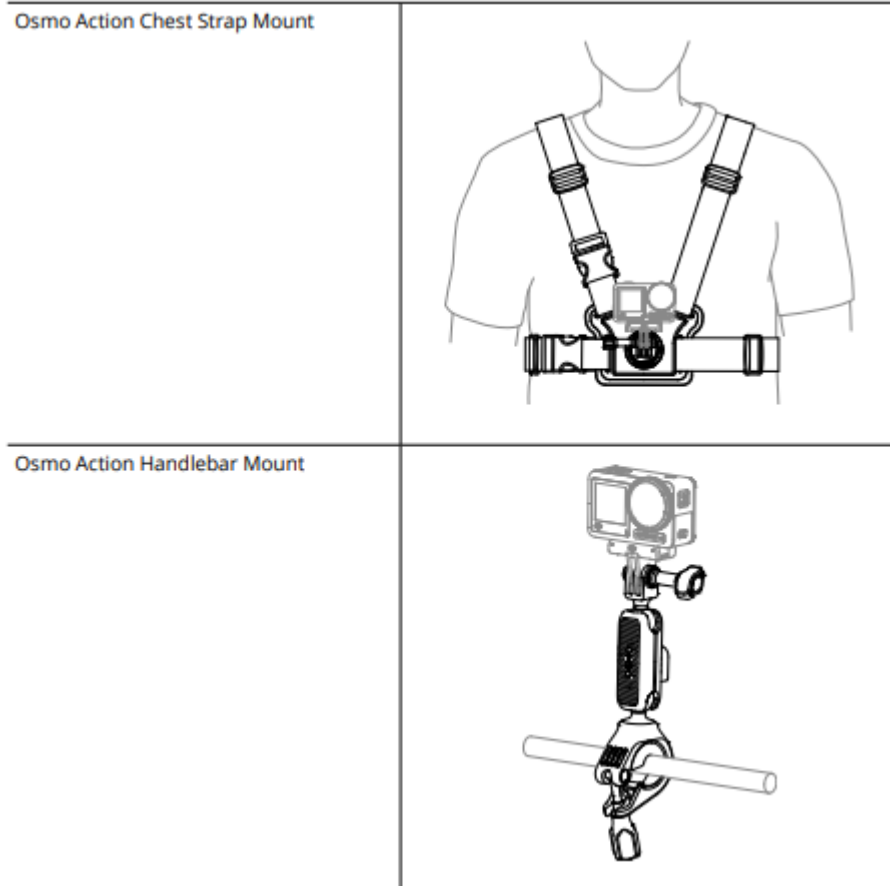
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See e.g., DJI Osmo Action 4 User Manual v1.0 EN at 31.

79. The Osmo Action 4's camera processor is configured to generate two videos based on the scene that the camera is viewing. For example, the first view is a HD live view, which is the lower quality view. The second view is 4K video recording, which is a higher resolution and quality than the HD live view. The DJI Osmo Action 4's wireless connection protocol device wirelessly sends the HD live view to the DJI Mimo App on the user's phone. This live view displays in the Mimo App.

Highlights:

1. Supports HD live view and 4K video recording.
2. Controls Osmo Pocket, Osmo Action or Osmo Mobile 3 via Bluetooth or Wi-Fi.
3. My Story video templates designed by professionals allow you to edit your videos in a single tap.
4. Precise face identification and real-time Beautify mode enhances photos and videos instantly.
5. Upload and share videos with just a tap.
6. Advanced video editing functions: Trim and split clips, adjust playback speed, reverse, and more.
7. Tune image quality to meet your needs: Brightness, saturation, contrast, color temperature, vignette, and sharpness.
8. Multiple filters, music templates, and watermark stickers finish your videos with a unique flair.

1 See e.g., <https://apps.apple.com/us/app/dji-mimo/id1431720653>

2 80. The Osmo Action 4's HD live view is a preview the Osmo Action 4's
3 current view and a preview of the higher quality video that the Osmo Action 4 can
4 record. The user can use this preview to manually adjust the angle of the camera. For
5 example, the user can manually adjust the angle of the video camera based on the HD
6 live view.

7 81. The user may control the DJI Osmo Action 4 using the control signals
8 generated by the DJI Mimo App on the user's Personal Device based on the inputs
9 received from the user. These signals include, but are not limited to:

10 82. Frame Alignment - The user can recenter the gimbal to align the frame
11 with a subject. The user can also swipe on the screen to rotate the gimbal and align the
12 frame.

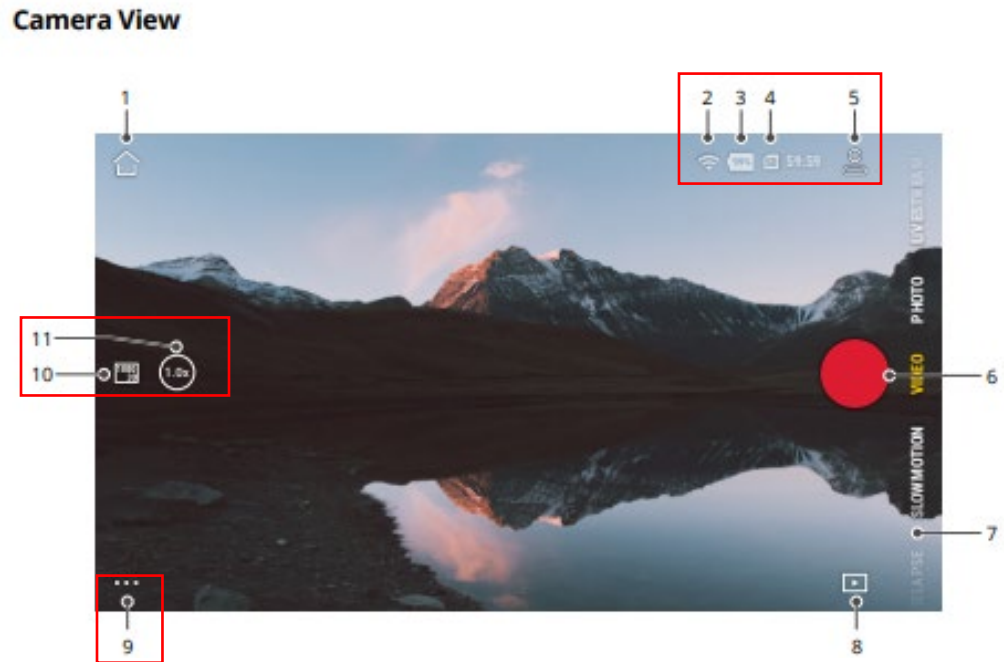
13 83. Remote File Access - The user can log into the DJI Mimo App, wirelessly
14 connect it to their Osmo Action 4, and remotely access the files the Osmo Action 4
15 created.

16 84. Data Acquisition and Resolution - The user can use the preview on the DJI
17 Mimo App to acquire key data like Wi-Fi strength, Osmo Action 4 battery level, and
18 available storage in the Osmo Action 4's microSD card (for example, identified in the
19 subsequent picture as #2, #3, #4). The user can also modify the recorded video's
20 resolution (for example, identified in the subsequent picture as #5).

21 85. Color/Lighting/Audio - The DJI Mimo App allows a user to send control
22 signals from the user's phone to the DJI Osmo Action 4. These settings include the
23 ability to manipulate the following settings (for example, identified in the subsequent
24 picture as #9): the color of the displayed and recorded video (by manipulating the
25 White Balance and the logarithmic color profile the Osmo Action 4 shoots in); the
26 lighting of the displayed and recorded video (by manipulating the exposure, which
27 changes the amount of light the processor processes); and the audio settings of the
28

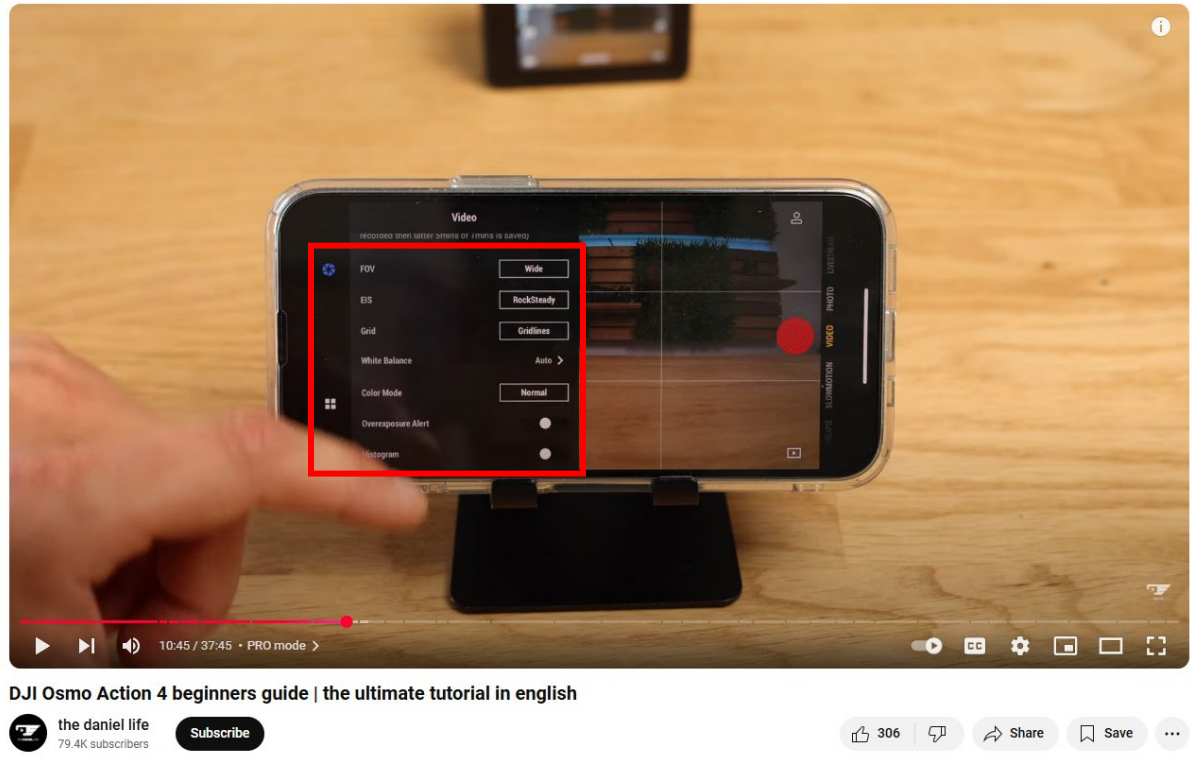
displayed and recorded video. Exemplary audio settings include changing the direction of the audio, reducing wind noise, and setting the audio type.

86. Synchronization of Multiple Cameras - The DJI Osmo Action 4 has a built-in timecode function that allows for the synchronization of multiple cameras.



2. **Wi-Fi**
 : displays Wi-Fi connection.
3. **Battery Level**
 : displays the current battery level of Osmo Action 4.
4. **microSD Card Information**
 59:59 : displays either the remaining number of photos that can be taken or the video duration that can be recorded according to the current shooting mode.
5. **Custom Mode**
 : tap and tap to save the current configuration as a custom mode. Save the shooting parameters in the custom mode, which can then be used directly to shoot similar scenes. Users can save up to five custom modes.
9. **Settings**
 : Set the selected shooting mode as Basic or Pro mode. More settings become available once Pro is enabled, including FOV, Format, Exposure and White Balance. Various parameters can be set when using different shooting modes.
10. **Shooting Parameters**
 : Displays the parameters of the current shooting mode. Tap to set the parameters.
11. **Zoom**
 : Displays the current zoom ratio. Place two fingers on the screen and move them apart to zoom in or pinch them to zoom out.

See e.g., DJI Osmo Action 4 User Manual v1.0 EN at 25, 26.



See e.g., <https://www.youtube.com/watch?v=uvau3flNEVQ>

87. Prior to recording, the user can modify video quality or capture settings in the DJI Mimo App HD live view on their Personal Device (for example, identified in the subsequent picture as #10 and #11). Once the control signals are received from the Personal Device, the DJI Osmo Action 4's processor will adjust the DJI Osmo Action 4's settings in response to the modifications the user made on the DJI Mimo App. The user can also command the DJI Osmo Action 4 to record the higher quality video on the Osmo Action 4's microSD card by clicking the red record button in DJI Mimo App's HD live view (for example, identified in the subsequent picture as #6). The user can view that higher quality video in an MP4 format either on the Osmo Action 4, or on the user's Personal Device via the DJI Mimo App (for example, identified in the subsequent picture as #8).

Camera View



6. Shutter/Record Button

● : tap to take a photo or to start or stop recording a video.

8. Playback

▶ : tap to preview photos and videos as soon as they are captured.

9. Settings

... : set the selected shooting mode as Basic or Pro mode. More settings become available once Pro is enabled, including FOV, Format, Exposure and White Balance. Various parameters can be set when using different shooting modes.

10. Shooting Parameters

1080 30 : displays the parameters of the current shooting mode. Tap to set the parameters.

11. Zoom

1.0x : displays the current zoom ratio. Place two fingers on the screen and move them apart to zoom in or pinch together to zoom out.

See e.g., DJI Osmo Action 4 User Manual v1.0 EN at 25, 26.

COUNT I: INFRINGEMENT OF U.S. PATENT NO. 8,896,694

88. The allegations set forth in the foregoing paragraphs are hereby realleged and incorporated herein by reference.

1 89. In violation of 35 U.S.C. § 271(a), Defendants have directly infringed and
2 continue to directly infringe, both literally and/or under the doctrine of equivalents, the
3 '694 Patent by making, using, offering for sale, selling, and/or importing Accused
4 Camera Drone Products in the United States, including within this Judicial District,
5 that infringe at least claim 1 of the '694 Patent without authority of Contour, and by
6 making, using, offering for sale, selling, and/or importing Accused Handheld Camera
7 Products in the United States, including within this Judicial District, that infringe at
8 least claim 3 of the '694 Patent without authority of Contour.

9 90. In violation of 35 U.S.C. § 271(b), Defendants have induced their
10 customers and/or end users and continue to induce their customers and/or end users to
11 infringe, both literally and/or under the doctrine of equivalents, at least claims 1 and 3
12 of the '694 Patent by providing instructions via their website(s), product manuals, user
13 manuals, product support, or through other documents that induce their customers
14 and/or end users to directly infringe the '694 Patent and by making, using, offering for
15 sale, selling, and/or importing devices in the United States, including within this
16 Judicial District, that infringe at least claims 1 and 3 of the '694 Patent without the
17 authority of Contour. *See e.g.,* <https://www.dji.com/inspire-3>;
18 [https://dl.djicdn.com/downloads/inspire_3/20241016UM/DJI_Inspire_3_User_Manual](https://dl.djicdn.com/downloads/inspire_3/20241016UM/DJI_Inspire_3_User_Manual_V3.0_EN.pdf)
19 [_V3.0_EN.pdf](https://dl.djicdn.com/downloads/inspire_3/20241016UM/DJI_Inspire_3_User_Manual_V3.0_EN.pdf); *see also,* <https://www.dji.com/osmo-action-4>;
20 [https://dl.djicdn.com/downloads/DJI_Osmo_Action_4/UM/20230802/DJI_Osmo_Acti](https://dl.djicdn.com/downloads/DJI_Osmo_Action_4/UM/20230802/DJI_Osmo_Action_4_User_Manual_v1.0_en.pdf)
21 [on_4_User_Manual_v1.0_en.pdf](https://dl.djicdn.com/downloads/DJI_Osmo_Action_4/UM/20230802/DJI_Osmo_Action_4_User_Manual_v1.0_en.pdf).

22 91. In violation of 35 U.S.C. § 271(c), Defendants have actively contributed to
23 direct infringement, and actively contribute to direct infringement of the '694 Patent by
24 making, using, offering for sale, selling, and/or importing components (including, but
25 not limited to, the Accused Camera Drone Products and Accused Camera Drone
26 Applications that are part of at least claim 1, and the Accused Handheld Camera
27 Products and Accused Handheld Camera Applications that are part of at least claim 3
28 of the '694 Patent), into the United States, including within this Judicial District, that

1 infringe at least claims 1 and 3 of the '694 Patent, respectively, without the authority of
2 Contour. These components have no substantial non-infringing use and are especially
3 made or especially adapted for use in a direct infringement of the '694 Patent.


4 92. Defendants have actively contributed to direct infringement, and actively
5 contribute to direct infringement of the '694 Patent by others, either literally or under
6 the doctrine of equivalents, by selling the Accused Products and by providing and/or
7 making available for download the Camera Drone Applications for use with the
8 Accused Camera Drone Products, and the Handheld Camera Applications for use with
9 the Accused Handheld Camera Products.

10 93. The Accused Camera Drone Products and Accused Handheld Camera
11 Products with wireless capability are especially made and/or especially adapted for use
12 with the claimed invention of at least claims 1 and 3 of the '694 Patent, respectively,
13 and are not a staple article or commodity of commerce suitable for substantial non-
14 infringing use.

15 94. The Camera Drone Applications and the Handheld Camera Applications
16 are especially made and/or especially adapted for use with the claimed invention of at
17 least claims 1 and 3 of the '694 Patent, respectively, and are not a staple article or
18 commodity of commerce suitable for substantial non-infringing use. For example, the
19 Osmo Action 4 cannot be used without first installing the DJI Mimo App.

20 **Activating Osmo Action 4**

21 The DJI Mimo app is required for activation when using Osmo Action 4 for the first time. Follow
22 the steps below to activate.

- 23 1. Press and hold the Quick Switch Button to power on.
- 24 2. Enable Wi-Fi and Bluetooth on the mobile device.
- 25 3. Launch DJI Mimo, tap , and follow the instructions to activate Osmo Action 4.

26 *See e.g.*, DJI Osmo Action 4 User Manual v1.0 EN at 10.

27 95. Any non-infringing uses of the Accused Camera Drone Products with
28 wireless capability in combination with their respective Camera Drone Application(s)
or any non-infringing uses of the Accused Handheld Camera Products with wireless

1 capability in combination with the Handheld Camera Applications would be unusual,
2 far-fetched, illusory, impractical, occasional, aberrant, or experimental.

3 96. Defendants have had knowledge of the '694 Patent and their infringement
4 since at least March 4, 2025.

5 97. Unless enjoined by this Court, Defendants will continue to infringe the
6 '694 Patent.

7 98. Because of Defendants infringing activities, Contour has suffered damages
8 and will continue to suffer damages in the future.

9 **COUNT 2: INFRINGEMENT OF U.S. PATENT NO. 8,890,954**

10 99. The allegations set forth in the foregoing paragraphs are hereby realleged
11 and incorporated herein by reference.

12 100. In violation of 35 U.S.C. § 271(a), Defendants have directly infringed and
13 continue to directly infringe, both literally and/or under the doctrine of equivalents, the
14 '954 Patent by making, using, offering for sale, selling, and/or importing devices in the
15 United States, including within this Judicial District, that infringe at least claim 11 of
16 the '954 Patent without the authorization of Contour.

17 101. In violation of 35 U.S.C. § 271(b), Defendants have induced their
18 customers and/or end users and continue to induce their customers and/or end users to
19 infringe, both literally and/or under the doctrine of equivalents, at least claim 11 of the
20 '954 Patent by providing instructions via their website(s), product manuals, user
21 manuals, product support, or through other documents that induce their customers to
22 directly infringe the '954 Patent and by making, using, offering for sale, selling, and/or
23 importing devices in the United States, including within this Judicial District, that
24 infringe at least claim 11 of the '954 Patent without the authority of Contour. *See e.g.*,
25 <https://www.dji.com/osmo-action-4>;
26 https://dl.djicdn.com/downloads/DJI_Osmo_Action_4/UM/20230802/DJI_Osmo_Acti
27 [on_4_User_Manual_v1.0_en.pdf](https://dl.djicdn.com/downloads/DJI_Osmo_Action_4/UM/20230802/DJI_Osmo_Acti).
28

1 102. In violation of 35 U.S.C. § 271(c), Defendants have actively contributed to
2 direct infringement, and actively contribute to direct infringement of the '954 Patent by
3 making, using, offering for sale, selling, and/or importing components (including, but
4 not limited to, the Accused Products that are part of at least claim 11 of the '954
5 Patent), into the United States, including within this Judicial District, that infringe at
6 least claim 11 of the '954 Patent without the authority of Contour. These components
7 have no substantial non-infringing use and are especially made or especially adapted
8 for use in a direct infringement of the '954 Patent.


9 103. Defendants have actively contributed to direct infringement, and actively
10 contribute to direct infringement of the '954 Patent by others, either literally or under
11 the doctrine of equivalents, by selling the Accused Products and by providing and/or
12 making available for download the Camera Drone Applications for use with the
13 Accused Camera Drone Products, and the Handheld Camera Applications for use with
14 the Accused Handheld Camera Products.

15 104. The Accused Camera Drone Products and Accused Handheld Camera
16 Products with wireless capability are especially made and/or especially adapted for use
17 with the claimed invention of at least claim 11 of the '954 Patent and are not a staple
18 article or commodity of commerce suitable for substantial non-infringing use.

19 105. The Camera Drone Applications and Handheld Camera Applications are
20 especially made and/or especially adapted for use with the claimed invention of at least
21 Claim 11 of the '954 Patent and are not a staple article or commodity of commerce
22 suitable for substantial non-infringing use. For example, the Osmo Action 4 cannot be
23 used without first installing the DJI Mimo App.

Activating Osmo Action 4

The DJI Mimo app is required for activation when using Osmo Action 4 for the first time. Follow the steps below to activate.

1. Press and hold the Quick Switch Button to power on.
2. Enable Wi-Fi and Bluetooth on the mobile device.
3. Launch DJI Mimo, tap , and follow the instructions to activate Osmo Action 4.

1 *See e.g.*, DJI Osmo Action 4 User Manual v1.0 EN at 10.

2
3 106. Any non-infringing uses of the Accused Camera Drone Products with
4 wireless capability in combination with their respective Camera Drone Application(s)
5 or any non-infringing uses of the Accused Handheld Camera Products with wireless
6 capability in combination with the Handheld Camera Applications would be unusual,
7 far-fetched, illusory, impractical, occasional, aberrant, or experimental.

8 107. Defendants have had knowledge of the '954 Patent and their infringement
9 since at least March 4, 2025.

10 108. Unless enjoined by this Court, Defendants will continue to infringe the
11 '954 Patent.

12 109. Because of Defendants' infringing activities, Contour has suffered
13 damages and will continue to suffer damages in the future.

14 **COUNT 3: INFRINGEMENT OF U.S. PATENT NO. 12,206,983**

15 110. The allegations set forth in the foregoing paragraphs are hereby realleged
16 and incorporated herein by reference.

17 111. In violation of 35 U.S.C. § 271(a), Defendants have directly infringed and
18 continue to directly infringe, both literally and/or under the doctrine of equivalents, the
19 '983 Patent by making, using, offering for sale, selling, and/or importing devices in the
20 United States, including within this Judicial District, that infringe at least claim 1 of the
21 '983 Patent without the authorization of Contour.

22 112. In violation of 35 U.S.C. § 271(b), Defendants have induced their
23 customers and/or end users and continue to induce their customers and/or end users to
24 infringe, both literally and/or under the doctrine of equivalents, at least claim 1 of the
25 '983 Patent by providing instructions via its website(s), product manuals, user manuals,
26 product support, or through other documents that induce their customers to directly
27 infringe the '983 Patent and by making, using, offering for sale, selling, and/or
28 importing device in the United States, including within this Judicial District, that

1 infringe at least claim 1 of the '983 Patent without the authority of Contour. *See e.g.*,
2 <https://www.dji.com/osmo-action-4>;
3 https://dl.djicdn.com/downloads/DJI_Osmo_Action_4/UM/20230802/DJI_Osmo_Acti
4 [on_4_User_Manual_v1.0_en.pdf](https://dl.djicdn.com/downloads/DJI_Osmo_Action_4/UM/20230802/DJI_Osmo_Acti).

5 113. In violation of 35 U.S.C. § 271(c), Defendants have actively contributed to
6 direct infringement, and actively contribute to direct infringement of the '983 Patent by
7 making, using, offering for sale, selling, and/or importing components (including, but
8 not limited to, the Accused Products that are part of at least claim 1 of the '983 Patent),
9 into the United States, including within this Judicial District, that infringe at least claim
10 1 of the '983 Patent without the authority of Contour. These components have no
11 substantial non-infringing use and are especially made or especially adapted for use in
12 a direct infringement of the '983 Patent.


13 114. Defendants have actively contributed to direct infringement, and actively
14 contribute to direct infringement of the '983 Patent by others, either literally or under
15 the doctrine of equivalents, by selling the Accused Products and by providing and/or
16 making available for download the Camera Drone Applications for use with the
17 Accused Camera Drone Products, and the Handheld Camera Applications for use with
18 the Accused Handheld Camera Products.

19 115. The Accused Camera Drone Products and Accused Handheld Camera
20 Products with wireless capability are especially made and/or especially adapted for use
21 with the claimed invention of at least claim 1 of the '983 Patent and are not a staple
22 article or commodity of commerce suitable for substantial non-infringing use.

23 116. The Camera Drone Applications and Handheld Camera Applications are
24 especially made and/or especially adapted for use with the claimed invention of at least
25 claim 1 of the '983 Patent and are not a staple article or commodity of commerce
26 suitable for substantial non-infringing use. For example, the Osmo Action 4 cannot be
27 used without first installing the DJI Mimo App.
28

Activating Osmo Action 4

The DJI Mimo app is required for activation when using Osmo Action 4 for the first time. Follow the steps below to activate.

1. Press and hold the Quick Switch Button to power on.
2. Enable Wi-Fi and Bluetooth on the mobile device.
3. Launch DJI Mimo, tap , and follow the instructions to activate Osmo Action 4.

See e.g., DJI Osmo Action 4 User Manual v1.0 EN at 10.

117. Any non-infringing uses of the Accused Camera Drone Products with wireless capability in combination with their respective Camera Drone Application(s) or any non-infringing uses of the Accused Handheld Camera Products with wireless capability in combination with the Handheld Camera Applications would be unusual, far-fetched, illusory, impractical, occasional, aberrant, or experimental.

118. Defendants have had knowledge of the '983 Patent and their infringement since at least March 4, 2025.

119. Unless enjoined by this Court, Defendants will continue to infringe the '983 Patent.

120. Because of Defendants' infringing activities, Contour has suffered damages and will continue to suffer damages in the future.

PRAYER FOR RELIEF

Contour respectfully requests that this Court enter judgment in Contour's favor and against Defendants as follows:

1. That Defendants have directly and indirectly infringed at least one claim from each of the Asserted Patents;
2. That Defendants' infringement has been willful;
3. An award of damages to be paid by Defendants adequate to compensate Contour for Defendants' infringement of the Asserted Patents and in no event less than a reasonable royalty together with interests and costs

4. An award of treble damages in accordance with 35 U.S.C. § 284;
5. An order enjoining Defendants and its officers, agents, servants, employees, users, attorneys, and all those persons in active concert or participation with Defendants from the acts described in this Complaint;
6. A declaration that this case is exceptional under 35 U.S.C. § 285, and an award of Contour's reasonable attorneys' fees; an
7. Any other relief at law or in equity as the Court deems just and proper.

Dated: March 12, 2025

Respectfully submitted,

CALL & JENSEN
A Professional Corporation
Aaron L. Renfro
Sameer Hussain

By: /s/Aaron L. Renfro
Aaron L. Renfro

Attorneys for Plaintiff
CONTOUR IP HOLDING, LLC.

DEMAND FOR JURY TRIAL

8. Pursuant to Fed. R. Civ. P. 38(b) and L.R. 38-1, Contour hereby demands a trial by jury on all issues so triable.

Dated: March 12, 2025

Respectfully submitted,

CALL & JENSEN
A Professional Corporation
Aaron L. Renfro
Sameer Hussain

By: /s/Aaron L. Renfro
Aaron L. Renfro

Attorneys for Plaintiff
CONTOUR IP HOLDING, LLC.